56980-3-a

ANNUAL PLANNING INFORMATION

FOR

STATE OF RHODE ISLAND

MAY 1989

EDWARD D. DI PRETE, GOVERNOR

RHODE ISLAND DEPARTMENT OF EMPLOYMENT SECURITY
JOHN S. RENZA, DIRECTOR

AFFILIATED WITH EMPLOYMENT AND TRAINING ADMINISTRATION
UNITED STATES DEPARTMENT OF LABOR

ANNUAL PLANNING INFORMATION

for

State of Rhode Island

May 1989

Prepared by :

Rhode Island Department of Employment Security
Labor Market Information Section
24 Mason Street
Providence, Rhode Island 02903
401-277-3706

TABLE OF CONTENTS

Page

List of Maps and Tables iii

Preface v

Section 1. Description of State 1

A. General Information 1

B. Recent Economic Developments 3

C. Population Trends 4

Section 2. Economic Developments and Outlook by Industry 8

A. Recent Developments 8

B. Industry Outlook 13

Section 3. Employment Developments and Outlook by Occupation 14

A. Recent Developments 14

B. Occupational Outlook for Program Year 1989 19

C. Long-term Occupational Outlook 22

D. Potential Occupational Supply 42

Section 4. Recent Trends in Unemployment 44

Section 5. Characteristics of the Insured Unemployed 48

Appendix 53

Sources of Data 54

Technical Notes and Explanatory Material 55

LIST OF MAPS, TABLES, AND GRAPHS

Page

State of Rhode Island - Counties, Cities and Towns 2

Population Change 1970 - 1980 in the United States and Rhode Island 4

Population By Age Group, 1970 to 1985, Rhode Island 6

Population by Age Group, 1985 to 2000, Rhode Island 6

Rhode Island Population By Age Group, Year 1970 to 2000 7

Rhode Island Establishment Employment - Calendar Year 1988 10

Rhode Island Establishment Employment - Calendar Year 1987 11

Distribution Of Workers By Industry, Rhode Island, 1988 12

Distribution Of Workers By Industry, Rhode Island, 1987 12

Occupations With Job Openings Unfilled for 30 Days or More During 1988 - Quarterly Range of Openings Unfilled and Quarterly Average Number of Openings Unfilled 17

Occupations With 25 or More Job Openings Unfilled for 30 Days or More at the End of February 1989 21

Average Annual Number of Job Openings by Occupation During 1985-1995 Period for Rhode Island 24

Occupations With 50 or More Active Applicants at the End of February 1989 43

Rhode Island Unemployment Rate, Unadjusted, 1988 & 1987 45

Rhode Island Unemployment Rate, Seasonally Adjusted, 1988 & 1987 45

Rhode Island Labor Force and Unemployment, 1988 46

Rhode Island Labor Force and Unemployment, 1987 47

Characteristics of the Insured Unemployed, Annual Average - 1987 & 1988 49

Characteristics of the Insured Unemployed, Sex and Age - 1988 50

Characteristics of the Insured Unemployed,
Sex and Age - 1987 50

Characteristics of the Insured Unemployed,
Industry Attachment - 1988.. 51

Characteristics of the Insured Unemployed,
Industry Attachment - 1987.. 51

Characteristics of the Insured Unemployed,
Occupational Skills - 1988.. 52

Characteristics of the Insured Unemployed,
Occupational Skills - 1987.. 52

PREFACE

This Annual Planning Information (API) Report is designed to provide historical, current, and outlook information for use by employment and training program planners in developing programs and job training plans for the coming program year. The API includes information on and analysis of employment, unemployment, the insured unemployed, population trends, and occupational trends and outlook.

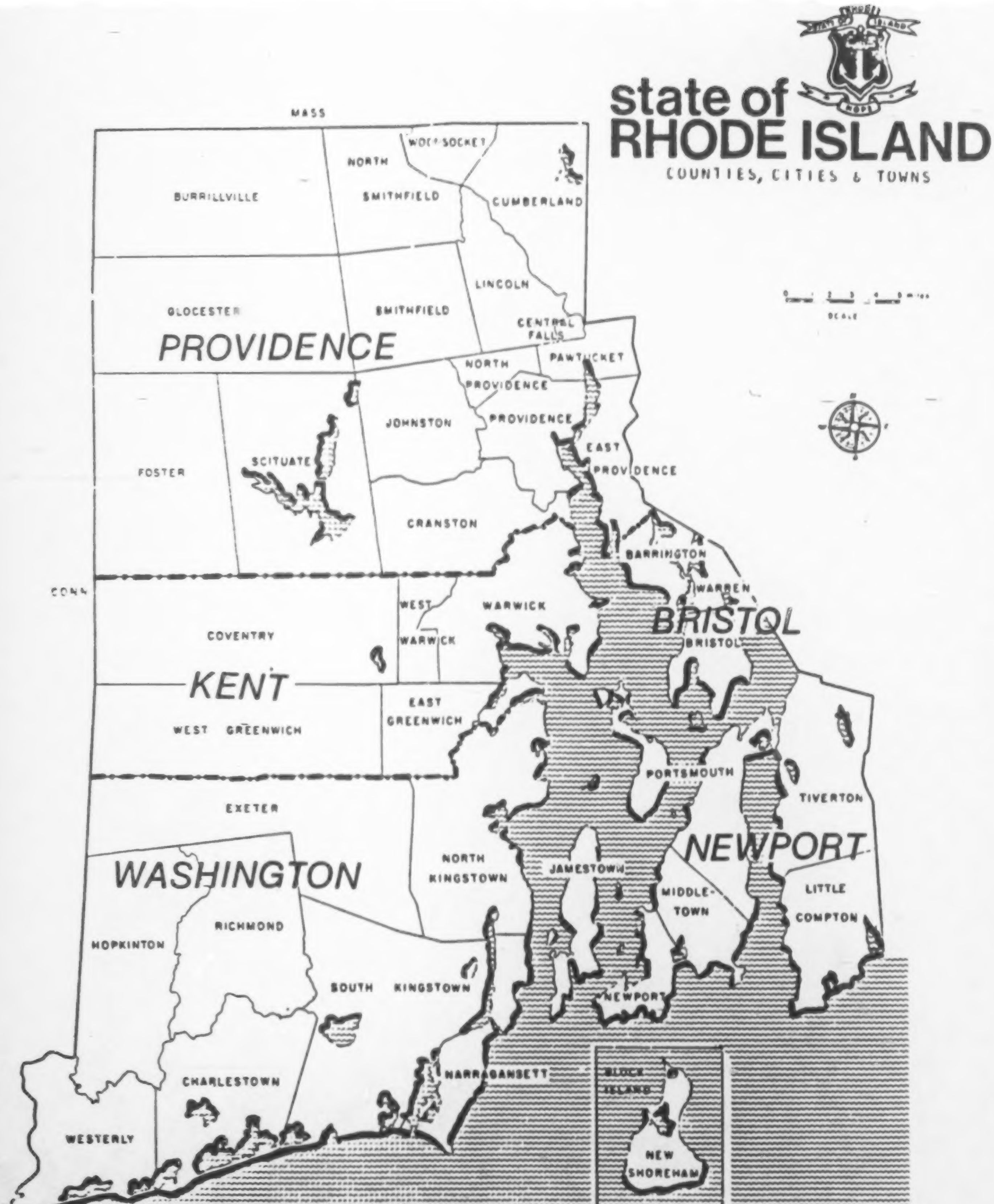
Section 1: Description of State

A. General Information

Rhode Island, with a total land area of 1,058 square miles, the smallest for any state, had an estimated population of 974,897 as of July 1, 1986. The state, whose physical size is comparable to that of the average U.S. County, has often been called a "City-State".

Rhode Island consists of five counties: Bristol, Kent, Newport, Providence and Washington, the largest of these being Providence County, with a 1986 population estimate of 581,671. The State capital is the City of Providence, which had a 1986 estimated population figure of 157,201. Four other cities in the State had a 1986 population estimate greater than 50,000: Warwick, the State's second largest city, with 86,957; Cranston, with 73,756; Pawtucket, with 72,640 and East Providence, 50,440.

Rhode Island enjoys several distinctions; it is the birthplace of textile manufacturing in the United States, as well as the location of the Newport to Bermuda Yacht Races, and the Tennis Hall of Fame. The port of Providence is an excellent deep water port, with immediate access to air and rail facilities. Vastly improved highways make the State pivotal to the Northeast and to the Mid-Atlantic States.



state of RHODE ISLAND

COUNTIES, CITIES & TOWNS

RHODE ISLAND DEPARTMENT OF ECONOMIC DEVELOPMENT

B. Recent Economic Developments

Rhode Island continued to experience economic improvement in 1988. Overall establishment employment increased, reaching a record high level of 464,400 in December, while total unemployment and the rate of unemployment decreased from the previous year. On an annual average basis, non-agricultural wage and salary establishment employment was up by 4,100 and the rate of unemployment declined from 3.8 percent in 1987 to 3.0 percent in 1988.

Recent economic trends and the outlook are examined in greater detail in Sections 2, 3 and 4 of this report. Tables illustrating trends in nonagricultural wage and salary establishment employment, by industry, are presented in Section 2. Tables illustrating occupational demand and projected job openings are presented in Section 3. Tables illustrating historical labor force and unemployment trends are presented in Section 4.

C. Population Trends

According to 1980 Census Statistics, Rhode Island's overall population totalled 947,154, representing a decrease of 2,569 or 0.3 percent from the 1970 census estimate of 949,723, while the nation experienced a significant population gain of 11.4 percent for the same period. Although the civilian population of Rhode Island actually increased by nearly 4.0 percent (about 32,500 people) over the 10 year span, this gain was more than offset by the closing of navy installations in the early 1970's which resulted in the outmigration of military personnel and their families (about 35,000 people).

Population Change 1970 - 1980 in the United States and Rhode island

Area	1970 Population	1980 Population	Net Change	Percent Change
United States	203,302,031	226,545,805	+ 23,243,774	+ 11.4
Rhode Island	949,723	947,154	- 2,569	- 0.3

Population projection data prepared by the Rhode Island Division of Statewide Planning showed that by 1985 the state's overall population had increased to 967,910, representing a gain of 1.9 percent from the 1970 total population figure. Moreover, Rhode Island's population is expected to experience continued growth into the year 2000. According to the Division of Statewide Planning's projected data, overall population will increase by 46,396 or 4.8 percent from 1985 to 2000 and will be accompanied by a changing population composition.

The projections indicate that there will be an overall decline in the young entry-level workers (15-24 yrs. old) category. The resulting tighter labor market combined with an increase in the female population is expected to lead to a greater labor force participation rate among females. In addition, more job opportunities will be available for the increased elderly population.

Population By Age Group, 1970 to 1985, Rhode Island

	1970	1985	Net Change	Percent Change
Total	949,723*	967,910	18,187	1.9
Under 10 Yrs.	161,909	118,931	- 42,978	- 26.5
10-14	88,289	61,754	- 26,535	- 30.1
15-19	85,680	83,745	- 1,935	- 2.3
20-24	87,963	89,476	1,513	1.7
25-44	210,297	281,627	71,330	33.9
45-64	208,655	190,958	- 17,697	- 8.5
65+	103,932	141,419	37,487	36.1

Population by Age Group, 1985, to 2000, Rhode Island

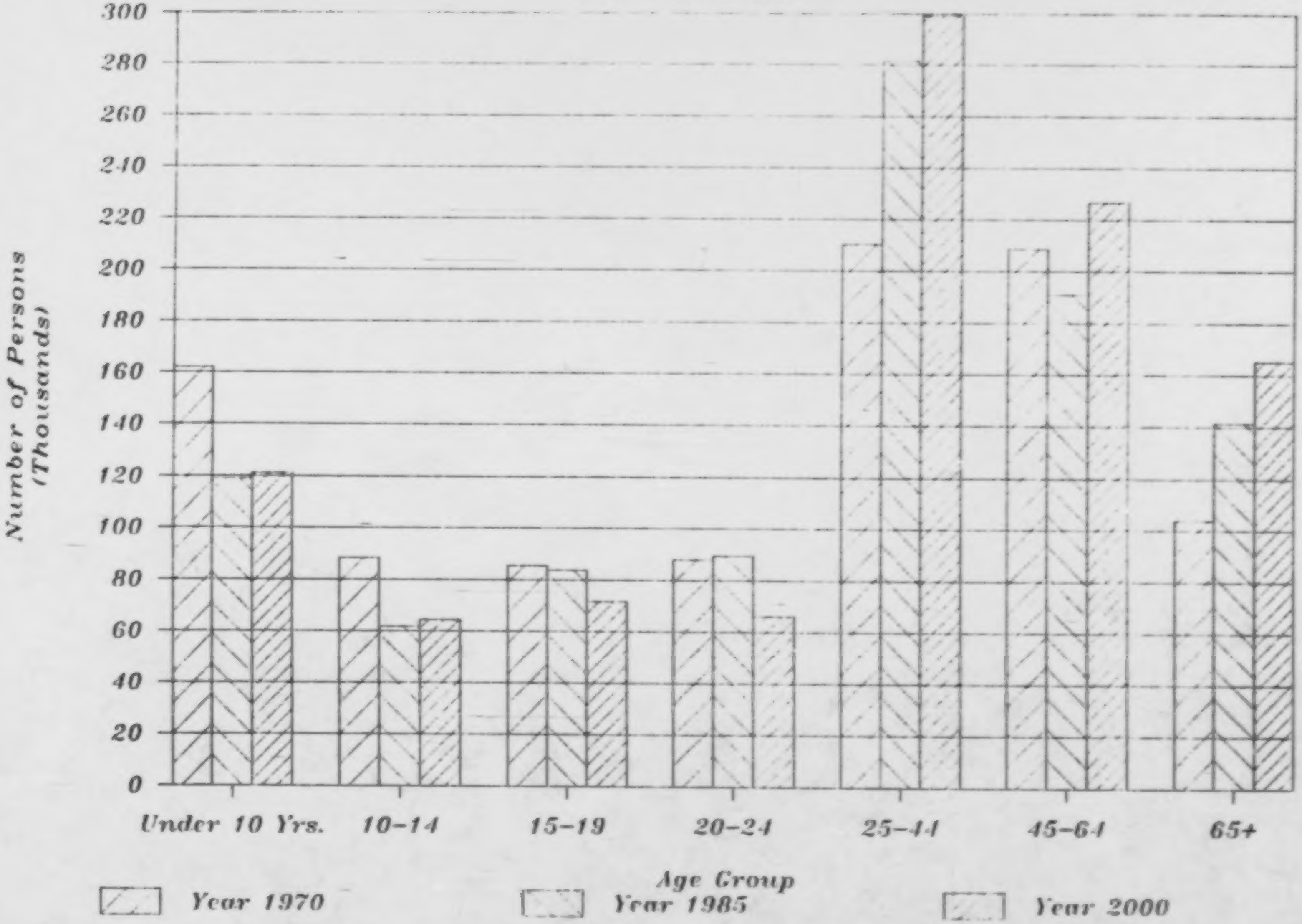
Age	1985	2000	Net Change	Percent Change
Total	967,910	1,014,306	46,396	4.8
Under 10 Yrs.	118,931	120,950	2,019	1.7
10-14	61,754	64,413	2,659	4.3
15-19	83,745	71,623	- 12,122	- 14.5
20-24	89,476	66,037	- 23,439	- 26.2
25-44	281,627	299,341	17,714	6.3
45-64	190,958	226,697	35,739	18.7
65+	141,419	165,245	23,826	16.8

*** Age breakdowns do not add to 1970 population total because this figure was corrected after the 1970 census was taken.**

Sources: Bureau of The Census
Division of Planning, R.I. Department of Administration

RHODE ISLAND POPULATION BY AGE GROUP

Year 1970 to 2000



Section 2. Economic Developments and Outlook by Industry

A. Recent Developments

Total nonagricultural wage and salary employment in Rhode Island rose to a record high level of 464,400 in December, 1988. In addition, overall establishment employment averaged 456,100 for the year, which was 4,100 or 0.9 of a percent higher than in 1987.

The improvement in the State's 1988 wage and salary employment was largely the result of an increase of 6,400 in the nonmanufacturing sector, which was offset somewhat by a decrease of 2,300 in manufacturing.

The overall expansion in nonmanufacturing was led by the Service industry, which added 2,700 jobs, followed by an annual upturn of 1,100 in Contract Construction. Both Finance, Insurance and Real Estate and Government advanced by 900. Wholesale and Retail Trade employment recorded an increase of 700 from a year ago, while Transportation, Communication and Public Utilities posted a gain of 100.

Although total manufacturing jobs decreased by 2,300 from 1987 to 1988, there were some industries within the sector that posted annual employment gains. Job levels in both Rubber and Miscellaneous Plastics Products and the "All Other

Manufacturing" category reflected an increase of 500, while employment in Instruments was up 100 compared to a year ago.

In contrast, nine of the thirteen major industry segments were down from their respective 1987 totals. The Jewelry industry posted the largest downturn (- 1,300), followed by a decrease of 600 in Primary Metals. Also experiencing declines for the same period were Apparel and Electrical Machinery (- 400 each). Employment fell by 200 in both Fabricated Metals and Nonelectrical Machinery, while decreases of 100 each were registered in Textiles, Transportation Equipment and the Miscellaneous Manufacturing segment.

RHODE ISLAND

Establishment Employment**

Calendar Year 1988

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Average
NONAGRICULTURAL WAGE & SALARIED EMPLOYMENT	444.4	446.1	450.1	454.4	457.6	459.0	455.4	456.3	460.5	461.0	462.7	464.4	456.1
MANUFACTURING EMPLOYMENT	113.6	114.6	114.5	114.6	114.3	114.2	111.3	113.2	114.4	114.7	115.3	114.2	114.1
Food and Kindred Products	3.0	3.0	2.9	2.8	2.8	2.8	2.8	2.7	2.9	2.9	3.0	3.0	2.9
Textiles	10.2	10.3	10.4	10.3	10.3	10.2	9.6	10.0	10.0	10.0	10.0	9.9	10.1
Apparel	2.6	2.6	2.7	2.7	2.6	2.6	2.5	2.5	2.5	2.4	2.4	2.4	2.5
Rubber & Misc. Plastics Products	6.2	6.2	6.1	6.2	6.2	6.2	6.2	6.3	6.3	6.4 *	6.4 *	6.4	6.3
Primary Metal Industry	4.2 *	4.7	4.6	4.6	4.6	4.6	4.4	4.5	4.5	4.6	4.6	4.5	4.5
Fabricated Metal Products	8.8	8.8	8.8	8.8	8.7	8.8	8.7	8.9 *	8.9	8.8	8.8	8.8	8.8
Machinery (exc. electrical)	5.9	6.1	5.8	5.8	5.8	5.8	5.7	5.6	5.7	5.6	5.7	5.6	5.8
Electrical Machinery	11.8	11.6	11.5	11.4	11.3	11.3	11.2	11.1	11.3	11.3	11.4	11.4	11.4
Transportation Equipment	9.1	9.0	9.0	9.0	9.0	9.0 *	8.9 *	8.7 *	8.8 *	9.2	9.3	9.3	9.0
Instruments	4.8 *	4.8 *	4.8 *	4.8 *	4.8 *	4.8 *	4.7 *	4.8 *	4.8 *	4.8 *	4.8 *	4.8 *	4.8
Jewelry	21.5	21.9	21.9	21.9	21.9	21.8	21.0	22.0	22.2	22.3	22.4	21.9	21.9
Miscellaneous Manufacturing	6.0	6.1	6.3	6.3	6.4	6.4	6.3	6.2	6.2	6.2	6.2	6.2	6.2
All Other Manufacturing	19.5	19.5	19.7	20.0	19.9	19.9	19.3	19.9	20.3	20.2	20.3	20.0	19.9
NON-MANUFACTURING EMPLOYMENT	330.8	331.5	335.6	339.8	343.3	344.8	344.1	343.1	346.1	346.3	347.4	350.2	342.0
Contract Construction	17.6	17.3	18.5	19.8	20.6	21.6	22.4	22.3	22.2	22.0	21.9	21.8	20.7
Trans., Comm. & Public Utilities	15.2	15.2	15.5	15.7	16.2	16.3	15.6	15.5	15.8	15.8	15.9	15.9	15.7
Wholesale & Retail Trade	100.9	100.7	101.4	102.5	103.4	105.2	105.2	105.4	104.8	104.2	105.7 *	108.0	104.0
Finance, Insurance & Real Estate	26.3	26.3	26.5	26.5	26.4	26.6	26.7	26.7	26.6	26.5	26.5	26.5	26.5
Service, except domestic	111.6	112.6	114.3	115.9 *	117.3 *	116.0 *	117.0 *	116.3 *	118.2 *	118.0 *	117.3 *	117.4 *	116.0
Government	59.2	59.4	59.4	59.4	59.4	59.1	57.2	56.9	58.5	59.8	60.1	60.6	59.1
NOT INCLUDED IN ABOVE:													
Self-employed, Farm & Other	31.9	32.0	32.8	34.2	35.5	34.1	34.4	35.1	34.0	33.8	34.7	34.4	33.9

* Labor Dispute
** A count of Jobs by place of work

Rev. 1/89

RHODE ISLAND

Establishment Employment**

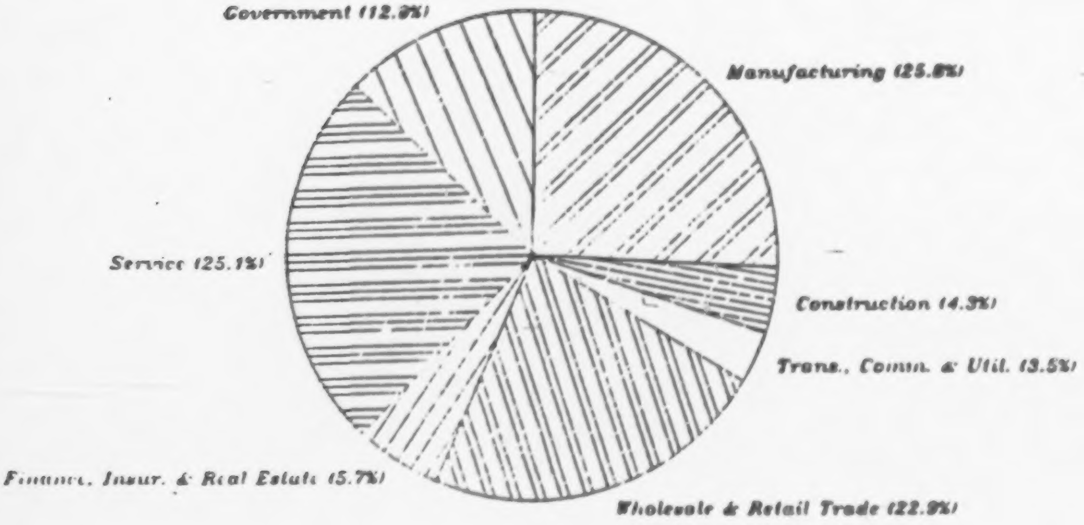
Calendar Year 1987

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Average
NONAGRICULTURAL WAGE & SALARIED EMPLOYMENT	440.3	438.3	441.2	449.5	452.7	456.0	452.2	453.4	458.1	458.1	460.3	462.1	452.0
MANUFACTURING EMPLOYMENT	115.9	116.5	116.2	116.6	116.6	117.1	114.2	115.9	117.2	116.6	117.0	116.3	116.4
Food and Kindred Products	3.1	3.0	2.8	2.9	2.9	3.0	2.9	3.0	3.0	2.9	2.9	2.9	2.9
Textiles	10.1	10.2	10.2	10.4	10.4	10.5	9.8	10.1	10.2	10.2	10.1	10.1	10.2
Apparel	2.9	2.9	3.0	3.0	3.0	3.0	2.9	2.9	2.9	2.9	2.8	2.9	2.9
Rubber & Misc. Plastics Products	5.6	5.7	5.8	5.8	5.8	5.8	5.7	5.8	5.8	5.9	5.9	5.9	5.8
Primary Metal Industry	5.3	5.3	5.4	5.0	5.0	4.9	4.9	4.9	5.0	5.1	5.2	5.1	5.1
Fabricated Metal Products	9.1	9.0	9.0	8.9	8.9	9.0	8.9	8.9	8.9	9.0	9.0	9.0	9.0
Machinery (exc. electrical)	6.2 *	6.0 *	6.0 *	6.2 *	6.1 *	6.2 *	5.8 *	5.9 *	6.0 *	5.8 *	5.9 *	5.9	6.0
Electrical Machinery	12.1	12.0	12.1	11.8	11.6	11.7	11.5	11.8	11.9	11.8	11.9	11.8	11.8
Transportation Equipment	9.3	9.4	9.3	9.2	9.1	9.1	9.1	8.7	8.9	8.9	8.9	9.0	9.1
Instruments	4.9 *	4.8 *	4.8 *	4.7 *	4.7 *	4.7 *	4.5 *	4.5 *	4.6 *	4.6 *	4.6 *	4.6 *	4.7
Jewelry	22.7	23.3	23.0	23.3	23.2	23.2	22.4	23.3	23.6	23.5	23.6	22.9	23.2
Miscellaneous Manufacturing	5.8	6.0	6.0	6.1	6.3	6.4	6.3	6.4	6.6	6.3	6.5	6.5	6.3
All Other Manufacturing	18.8	18.9	18.6	19.3	19.6	19.6	19.5	19.7	19.8	19.7	19.7	19.7	19.4
NON-MANUFACTURING EMPLOYMENT	324.4	321.8	325.0	332.9	336.1	338.9	338.0	337.5	340.9	341.5	343.3	345.8	335.6
Contract Construction	16.7	15.9	16.7	18.9	19.5	20.5	21.2	21.4	21.2	21.3	21.1	21.0	19.6
Trans., Comm. & Public Utilities	14.9	14.6	14.7	15.5	15.9	16.3	15.5	15.5	15.9	16.0	16.1	16.2	15.6
Wholesale & Retail Trade	100.4	99.0	99.8	101.5	102.5	104.8	104.7	105.1	104.7	104.1	105.7	106.9	103.3
Finance, Insurance & Real Estate	25.0	25.0	25.2	25.4	25.3	25.6	26.0	25.9	25.8	25.9	25.9	25.9	25.6
Service, except domestic	109.2	109.1	110.5	112.6	113.7	112.7	113.9	113.4	115.8	116.1	116.0	116.1	113.3
Government	58.2	58.2	58.1	59.0	59.2	59.0	56.7	56.2	57.5	58.1	58.5	59.7	58.2
NOT INCLUDED IN ABOVE:													
Self-employed, Farm & Other	33.1	31.9	31.9	34.0	33.0	33.5	33.8	34.2	33.1	34.7	34.4	33.8	33.5

* Labor Dispute
** A count of jobs by place of work

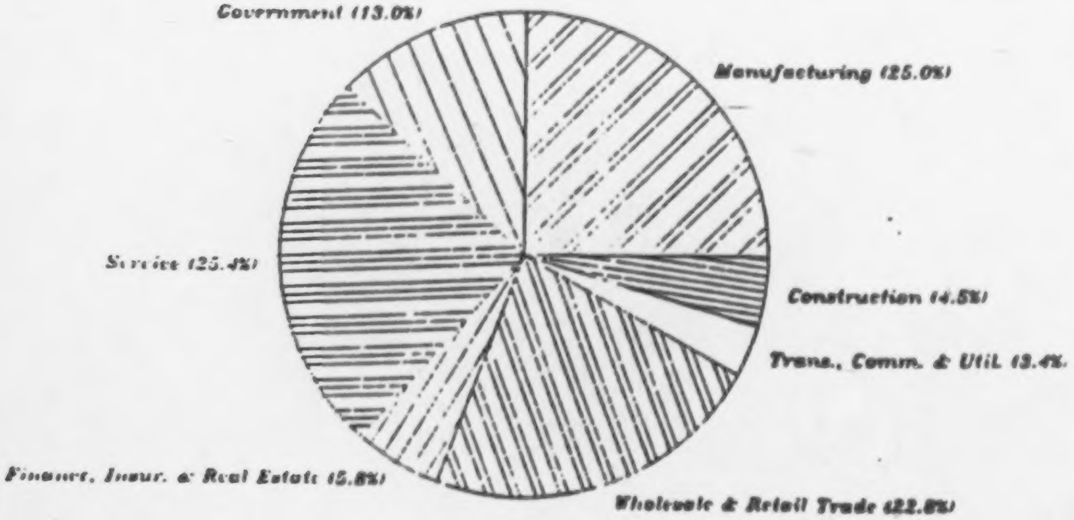
DISTRIBUTION OF WORKERS BY INDUSTRY

Rhode Island, 1987



DISTRIBUTION OF WORKERS BY INDUSTRY

Rhode Island, 1988



B. Industry Outlook

Over the past 5 years, total establishment employment in the state has increased steadily. The 1988 figure of 456,100 was 16.8 percent higher than the 390,500 level of the recession year 1982. It is anticipated that this upward employment trend will slacken in Program Year 1989 (July 1989 to June 1990). Total establishment employment in the state should average approximately 461,000 in Program Year 1989, which will be 4,900 or 1.1 percent higher than the calendar year 1988 level.

In retrospect, manufacturing employment, as a whole, for each month of 1988 was below its respective 1987 figure. Modest declines in factory payrolls can be expected to continue through PY 1989. If the recent rise in the value of the dollar continues it could have and adverse effect on exports. Several industries in the factory sector could be affected and this may contribute to the decline in manufacturing employment.

Nonmanufacturing employment is anticipated to attain record high job levels in PY 1989. In particular, trade and services should continue to move upward in tandem with the expanding national economy.

Section 3: Employment Developments and Outlook by Occupation

A. Recent Developments

The best available indicator of recent occupational demand in the State is Job Service job openings, which represent unfilled employer job orders. Openings which have remained unfilled for 30 days or more are considered hard-to-fill. This section details occupations which had 25 or more hard-to-fill openings at the end of any calendar quarter in 1988.

The professional, technical and managerial occupations did not have a large number of hard-to-fill openings throughout 1988. The only professional occupations appearing on the following list are registered and licensed practical nurses, insurance claims examiner and management trainee.

It is not unusual to find a large number of openings in the clerical and sales occupations. These are often entry level positions and are generally low paying. The greatest demand was for food sales clerk. Other openings in this category included cashier-checker, self-service stock clerk and general merchandise salesperson.

The greatest demand in the service occupations was for kitchen helper. There were also numerous openings for fast food worker, informal waiter/waitress, and nurse aide.

The only occupations appearing in agricultural, fishery, forestry and related occupations were horticultural worker II and landscape laborer.

The greatest demand in processing occupations was for jewelry stringer. Other openings in this category included centrifugal-casting-machine operator, injection mold machine operator, and plater.

The greatest demand in the machine trades category was for assembly press operator. Other hard-to-fill openings in this category included automobile mechanic and general machinist.

Benchworking occupations often have a large number of openings unfilled for thirty consecutive days or more due to low pay and limited advancement potential. There are often more applicants than openings for these jobs, but due to the high turnover in this group, openings are almost always available. Hard-to-fill openings in benchworking included jewelry assembler, airbrush painter, and jewelry solderer.

Many of the structural occupations are of a seasonal nature and have the greatest number of openings in warm weather. Other structural jobs, such as those in the shipbuilding industry, have year-round demand. The most common openings were for construction worker I and II, carpenter and shipfitter. It should be noted that many construction workers are hired through labor unions, so the Job Service does not have a complete list of employment opportunities in this field.

The two occupations in the miscellaneous category which had the largest number of hard-to-fill openings were hand packager and material handler.

The following table lists the occupations which had at least 25 job openings unfilled for more than thirty days at the end of each quarter of 1988. Also shown is the quarterly average of hard-to-fill.

OCCUPATIONS WITH JOB OPENINGS UNFILLED FOR 30 DAYS OR MORE DURING 1988 - QUARTERLY RANGE OF OPENINGS UNFILLED AND QUARTERLY AVERAGE NUMBER OF OPENINGS UNFILLED

D.O.T. Code	Occupational Title	Quarterly RANGE of Openings Unfilled for 30 Days or More	Quarterly AVERAGE Number of Openings Unfilled for 30 Days or More
075.374-010	REGISTERED NURSE	40 - 43	41
079.374-014	LICENSED PRACTICAL NURSE	30 - 38	35
168.267-014	INSURANCE CLAIMS EXAMINER	0 - 40	10
189.167-018	MANAGEMENT TRAINEE	15 - 26	19
201.362-030	SECRETARY	25 - 36	31
203.362-010	CLERK-TYPIST	17 - 35	24
205.367-054	SURVEY WORKER	0 - 52	21
209.562-010	GENERAL OFFICE CLERK	25 - 34	29
211.362-018	TELLER	17 - 33	29
211.462-010	GENERAL CASHIER	19 - 38	29
211.462-014	CASHIER-CHECKER	52 - 73	64
211.467-010	COURTESY BOOTH CASHIER	0 - 25	7
219.362-022	ACCOUNT REPRESENTATIVE	0 - 37	26
222.387-058	STOCK CLERK	16 - 25	19
230.667-014	TELEPHONE DIRECTORY DELIVERER	0 - 179	66
241.357-010	COLLECTION CORRESPONDENT	0 - 51	26
253.257-010	TELEMARKETING REPRESENTATIVE	0 - 80	40
279.357-054	GENERAL MERCHANDISE SALESPERSON	32 - 76	45
290.477-014	SALES CLERK	17 - 38	25
290.477-018	FOOD SALES CLERK	37 - 204	90
299.357-014	TELEPHONE SOLICITOR	28 - 54	39
299.367-014	SELF-SERVICE STORE STOCK CLERK	38 - 64	46
301.474-010	GENERAL HOUSE WORKER	26 - 35	31
311.472-010	FAST FOODS WORKER	111 - 149	132
311.477-010	CAR HOP WAITER/WAITRESS	32 - 65	48
311.477-014	COFFEE SHOP COUNTER ATTENDANT	92 - 115	103
311.477-026	FORMAL WAITER/WAITRESS	10 - 33	23
311.477-030	INFORMAL WAITER/WAITRESS	92 - 164	125
311.677-014	CAFETERIA COUNTER ATTENDANT	16 - 54	26
311.677-018	BUS PERSON	26 - 39	31
313.361-014	RESTAURANT COOK	56 - 91	80
313.361-022	SHORT ORDER COOK	36 - 53	44
318.687-010	KITCHEN HELPER	149 - 210	176
323.687-014	HOUSEKEEPING CLEANER	29 - 87	50
323.687-018	HOUSECLEANER	0 - 23	10
342.663-010	AMUSEMENT RIDE OPERATOR	0 - 248	62
354.377-014	HOME HEALTH AIDE	58 - 84	76
355.674-014	NURSE AIDE	110 - 136	123
372.667-018	CORRECTIONAL OFFICER	92 - 92	92
372.667-034	SECURITY GUARD	52 - 115	84
381.687-014	COMMERCIAL CLEANER	39 - 109	76
405.687-014	HORTICULTURAL WORKER II	2 - 56	29
408.687-014	LANDSCAPE LABORER	37 - 59	46

OCCUPATIONS WITH JOB OPENINGS UNFILLED FOR 30 DAYS OR MORE DURING 1988 - QUARTERLY RANGE OF OPENINGS UNFILLED AND QUARTERLY AVERAGE NUMBER OF OPENINGS UNFILLED

D.O.T. Code	Occupational Title	Quarterly RANGE of Openings Unfilled for 30 Days or More	Quarterly AVERAGE Number of Openings Unfilled for 30 Days or More
500.380-010	PLATER	20 - 30	25
500.686-010	PLATERS HELPER	16 - 32	24
502.381-010	JEWELRY MOLD CASTER	6 - 25	16
502.682-018	CENTRIFUGAL-CASTING-MACHINE OPERATOR	20 - 32	27
509.687-018	JEWELRY STRINGER	47 - 72	59
556.382-014	INJECTION-MOLDING-MACHINE OPERATOR	34 - 47	42
600.280-022	GENERAL MACHINIST	5 - 27	15
620.261-010	AUTOMOBILE MECHANIC	40 - 55	48
690.685-014	ASSEMBLY PRESS OPERATOR	52 - 94	65
700.381-050	JEWELRY SOLDERER	96 - 136	118
700.684-014	JEWELRY ASSEMBLER	98 - 181	133
700.687-026	JEWELRY SET UP & CHARGER	64 - 119	94
700.687-058	JEWELRY POLISHER	68 - 103	85
700.687-062	JEWELRY PREPARER	16 - 50	35
710.681-010	ASSEMBLER	0 - 40	11
735.687-014	JEWELRY LINKER	25 - 38	31
735.687-026	JEWELRY RACKER	40 - 57	49
735.687-034	JEWELRY STONE GLUER	49 - 75	67
739.361-010	DISPLAY MAKER/ASSEMBLER	17 - 28	24
740.684-018	AIRBRUSH PAINTER	86 - 110	99
787.682-046	SEWING MACHINE OPERATOR	27 - 39	33
806.381-046	SHIPFITTER	29 - 37	32
807.381-010	AUTOMOBILE BODY REPAIRER	24 - 30	27
819.685-010	FUSION MACHINE OPERATOR	13 - 26	20
840.381-010	PAINTER	23 - 42	31
860.381-022	CARPENTER	38 - 57	50
860.381-058	SHIP CARPENTER	16 - 26	19
861.381-054	TILE SETTER	1 - 32	9
869.664-014	CONSTRUCTION WORKER I	45 - 55	51
869.687-026	CONSTRUCTION WORKER II	67 - 85	75
899.381-010	BUILDING MAINTENANCE REPAIRER	11 - 28	22
913.463-010	BUS DRIVER	24 - 54	22
920.587-018	HAND PACKAGER	125 - 173	155
922.687-058	WAREHOUSE WORKER	62 - 83	73
929.687-030	MATERIAL HANDLER	58 - 102	81

B. Occupational Outlook for Program Year 1989

In Program Year 1989 the State's economy is expected to expand, but at a slower rate than in the recent past. Based on the types of occupations which had the greatest numbers of hard-to-fill openings during 1988, many of the jobs which will be available in Program Year 1989 are anticipated to be in relatively low paying, unskilled, high turnover occupations. The demand for highly trained persons and college graduates will be more limited, but there should be openings available for some professional and skilled occupations such as registered nurse, licensed practical nurse, shipfitter, and automobile mechanic.

It should be noted that the demand list shown here represents only job openings listed with the Rhode Island Job Service, and the exact extent to which the Job Service constitutes a primary hiring channel for a given occupation is not known. Demand, therefore, is more likely to be understated than overstated; also, some occupations for which a significant demand exists may not be apparent from the data available.

Based on last year's list of unfilled openings, and job openings which have recently been received by the State Job Service, the following is a list of occupations for which there will most likely be a demand in Program Year 1989.

Professional and Technical:	Registered nurse, licensed practical nurse.
Clerical and Sales:	Telephone solicitor, food sales clerk, teller, secretary.
Service:	Informal waiter/waitress, kitchen helper, fast food worker, nurse aide.
Processing:	Jewelry stringer.
Machine Trades:	Assembly press operator, automobile mechanic.
Bench Work:	Jewelry solderer, jewelry enamler, set-up & charger.
Structural:	Tilesetter, carpenter, shipfitter.
Miscellaneous:	Hand packager, bus driver.

The following table lists occupations with 25 or more hard-to-fill openings at the end of February 1989. This table represents the latest available data on demand for workers.

OCCUPATIONS WITH 25 OR MORE JOB OPENINGS UNFILLED FOR 30 DAYS OR MORE AT THE END OF FEBRUARY 1989

D.O.T. Code	Occupational Title	Number of Openings Unfilled for 30 Days or More
075.374-010	REGISTERED NURSE	43
079.374-014	LICENSED PRACTICAL NURSE	42
201.362-030	SECRETARY	29
211.362-018	TELLER	29
290.477-014	SALES CLERK	27
290.477-018	FOOD SALES CLERK	32
299.357-014	TELEPHONE SOLICITOR	42
301.474-010	GENERAL HOUSE WORKER	31
311.472-010	FAST FOODS WORKER	108
311.477-010	CAR HOP WAITER/WAITRESS	47
311.477-014	COFFEE SHOP COUNTER ATTENDANT	78
311.477-030	INFORMAL WAITER/WAITRESS	179
311.677-018	BUS PERSON	31
313.361-014	RESTAURANT COOK	65
318.687-010	KITCHEN HELPER	103
354.377-014	HOME HEALTH AIDE	68
355.674-014	NURSE AIDE	106
372.667-018	CORRECTIONAL OFFICER	92
372.667-034	SECURITY GUARD	65
381.687-014	COMMERCIAL CLEANER	52
509.687-018	JEWELRY STRINGER	35
620.261-010	AUTOMOBILE MECHANIC	26
690.685-014	ASSEMBLY PRESS OPERATOR	50
700.381-050	JEWELRY SOLDERER	102
700.684-014	JEWELRY ASSEMBLER	68
700.687-026	JEWELRY SET UP & CHARGER	87
700.687-058	JEWELRY POLISHER	30
700.687-062	JEWELRY PREPARER	33
735.687-014	JEWELRY LINKER	42
735.687-026	JEWELRY RACKER	34
735.687-034	JEWELRY STONE GLUER	69
740.684-018	AIRBRUSH PAINTER	90
806.381-046	SHIPFITTER	29
860.381-022	CARPENTER	29
861.381-054	TILE SETTER	32
913.463-010	BUS DRIVER	47
920.587-018	HAND PACKAGER	120

C. Long-Term Occupational Outlook

Data from the publication Rhode Island Occupational Projections to 1995 indicates the largest number of annual job openings will be found in service occupations and clerical occupations. Significant numbers of openings will also occur in the professional, technical and kindred occupations and in the managers and officials category. Very few jobs will be available in the transportation equipment operatives and farm workers categories.

In all occupational groups, the majority of job opportunities will be the result of separations from the labor force, rather than economic expansion. Separations from the labor force include worker retirements, deaths, and persons leaving jobs to raise families.

Only one occupation - sales clerk - is expected to have more than 700 annual job openings. Almost two-thirds of these openings will be the result of worker replacement. There are anticipated to be more than 600 openings annually for secretaries and general office clerks.

Openings for cashiers, professional nurses, guards and doorkeepers, nurse aide/orderly and waiter/waitress are expected to range between 500 and 600 positions annually.

Openings for elementary teachers and kitchen helpers are expected to average between 400 and 500 positions annually. Hand bookkeepers, store managers and carpenters are anticipated to have from 300 to 400 jobs available each year. Between 200 and 300 openings annually are forecast for accountants and auditors, fast food preparation and service workers, childcare workers, technical sales representatives, bartenders, blue collar working supervisors, licensed practical nurses, and accounting clerks.

Between 100 and 200 annual openings are projected for: receptionists, assemblers, secondary teachers, restaurant/coffee shop managers, bus drivers, automobile mechanics, lawyers, typists, gardeners and groundskeepers, production packagers, clerical supervisors, nontechnical sales representatives, restaurant cooks, sales floor stock clerks, physicians and/or surgeons, hairdressers/ cosmetologists, delivery & route workers, inspectors, maintenance painters, computer programmers, bank tellers, jewelry bench hands, postal mail carriers, and social caseworkers.

The following table lists by occupation the average annual number of job openings expected to occur due to growth and separation between 1985 and 1995.

AVERAGE ANNUAL NUMBER OF JOB OPENINGS, BY OCCUPATION
DURING 1985-1995 PERIOD FOR RHODE ISLAND*

MATRIX CODE	OCCUPATIONAL TITLE	Net Openings	Openings Due to Growth	Openings Due to Separation
00000000	TOTAL ALL OCCUPATIONS	26,695	7,730	18,965
[illegible]0000000	Professional, Technical & Kindred Occ.	4,675	1,825	2,850
10020000	Engineers	240	100	140
[illegible]0020400	Chemical Engineers	5	0	5
[illegible]0020600	Civil Engineers	45	15	30
10020800	Electrical Engineers	45	20	25
10021000	Industrial Engineers	25	10	15
[illegible]0021200	Mechanical Engineers	60	25	35
10022000	Other Engineers	60	30	30
10040000	Life and Physical Scientists	30	5	25
[illegible]0040200	Agricultural Scientists	5	0	5
[illegible]0040600	Life Scientists	10	0	10
10040601	Biological Scientists	5	0	5
10040602	Medical Scientists	5	0	5
[illegible]0040800	Chemists	15	5	10
10041000	Geologists & Geophysicists	0	0	0
10041400	Physicists	0	0	0
[illegible]0041600	Life and Physical Scientists, n.e.c.	0	0	0
10060000	Mathematical Specialists	20	0	20
10060200	Actuaries	0	0	0
[illegible]0060400	Mathematical Scientists	15	0	15
[illegible]0060402	Mathematicians	5	0	5
10060403	All Other Math Scientists	10	0	10
10060600	Statisticians	5	0	5
[illegible]0080000	Engineering, Science Technicians	180	95	85
10080600	Drafters	40	15	25
10080800	Electrical, Electronic Techs.	75	55	20
[illegible]0081000	Industrial Engineering Techs.	0	0	0
[illegible]0081400	Mechanical Engineering Techs.	10	5	5
10081600	Surveyors	5	0	5
10081800	Engineering & Sci. Techs., n.e.c.	50	20	30
[illegible]0081811	Colorists Textiles	0	0	0
10081816	Civil Engineering Techs.	10	5	5
10081898	All Other Engineering Techs.	20	5	15
[illegible]0081899	All Other Science Techs.	20	10	10
10100000	Medical Workers, Ex. Techs.	1,105	475	630
10100200	Chiropractors	75	20	55
[illegible]0100400	Dentists	50	30	20
[illegible]0100600	Dieticians &/or Nutritionists	35	15	20
10100800	Nurses, Professional	585	260	325
10101000	Optometrists	20	5	15
[illegible]0101200	Pharmacists	105	25	80

AVERAGE ANNUAL NUMBER OF JOB OPENINGS, BY OCCUPATION DURING 1985-1995 PERIOD FOR RHODE ISLAND*

MATRIX CODE	OCCUPATIONAL TITLE	Net Openings	Openings Due to Growth	Openings Due to Separation
	Professional, Technical & Kindred Workers (Cont'd.)			
0101400	Physicians &/or Surgeons	145	85	60
10101600	Podiatrists	10	0	10
10101800	Therapists	70	30	40
0101801	Occupational Therapists	5	0	5
10101802	Manual Arts, Music, Rec. Therapists	10	5	5
10101803	Speech & Hearing Clinicians, Etc.	10	5	5
0101804	Physical Therapists	20	10	10
0101809	Inhalation Therapists	15	5	10
10101810	All Other Therapists	10	5	5
0102000	Veterinarians	10	5	5
0120000	Other Health Technologists & Technicians	485	185	300
10120200	Clinical Lab Technologists & Technicians	55	20	35
10120201	Medical Lab Technologists	25	10	15
0120202	Biochemistry Technologists	5	0	5
10120203	Microbiology Technologists	0	0	0
10120204	Cytotechnologists	0	0	0
0120205	Histologic Technologists	0	0	0
0120206	Medical Lab Assistants	25	10	15
10120207	Blood Bank Tech. Specialists	0	0	0
0120400	Dental Hygienists & Assts.	85	40	45
0120401	Dental Assistants	55	25	30
10120402	Dental Hygienists	30	15	15
10120600	Medical Record Librarians	10	5	5
0120800	Radiologic Technols. & Techns.	40	15	25
10120801	X-Ray Technicians	25	10	15
10120804	Radiologic Techns. & Nuc. Med. Techs.	15	5	10
0121000	Other Health Technols., Techs.	295	105	190
0121002	Surgical Technicians	10	5	5
10121006	EKG Technicians	10	5	5
10121007	EEG Technicians	0	0	0
0121008	Emergency Medical Technicians	15	10	5
10121009	Pharmacy Helpers	15	5	10
10121010	Licensed Practical Nurses	210	65	145
0121011	Dietetic Technicians	10	5	5
0121012	Physical Therapy Technicians	5	0	5
10121099	All Other Medical & Dental Techs.	20	10	10
0140000	Technicians, Ex. Health or S & E	35	20	15
0140200	Airplane Pilots	0	0	0
10140400	Airtraffic Controllers	0	0	0
10140600	Embalmers	0	0	0
0141000	Radio Operators	0	0	0
0141200	Tool Programmers, Numerical Control	0	0	0

AVERAGE ANNUAL NUMBER OF JOB OPENINGS, BY OCCUPATION DURING 1985-1995 PERIOD FOR RHODE ISLAND*

MATRIX CODE	OCCUPATIONAL TITLE	Net Openings	Openings Due to Growth	Openings Due to Separation
Professional, Technical & Kindred Occ.				
0141400	Other Technicians, Ex. Health or S & E	35	20	15
10141404	All Other Technicians	30	20	10
10141405	Technical Assistant, Library	5	0	5
0160000	Computer Specialists	210	175	35
10160200	Computer Programmers	125	105	20
10160400	Systems Analysts, EDP	85	70	15
0180000	Social Scientists	45	25	20
0180200	Economists	10	5	5
10180201	Financial Analysts	10	5	5
0180202	Economists	0	0	0
0180600	Psychologists	25	15	10
10181000	Urban and Regional Planners	0	0	0
10181200	All Other Social Scientists	10	5	5
0200000	Teachers	825	175	650
10201000	Teachers Adult Education	50	20	30
10202000	College & University Teachers	35	-15	50
0202001	Teachers Voc. Ed. or Training	5	5	0
0202002	Teachers College	25	-15	40
10202003	Graduate Assistants	5	-5	10
10202004	Extention Service Spec.	0	0	0
0203000	Teachers Elementary	445	110	335
10205000	Teachers Secondary	185	20	165
10206000	Teachers, n.e.c.	110	40	70
0206001	Dance Instructors	20	10	10
10206099	All Other Teachers	90	30	60
10220000	Writers, Artists, Entertainers	210	95	115
0220200	Actors or Actresses	5	5	0
0220400	Athletes & Kindred Workers	0	0	0
10221000	Designing Occupations	30	10	20
10221200	Editors & Reporters	45	15	30
0221201	Writers &/or Editors	30	10	20
10221203	Reporters & Correspondents	15	5	10
10221400	Musicians	20	10	10
0221600	Painters & Sculptors & Commercial Artists	45	20	25
0221800	Photographic Occupations	40	25	15
10220000	Public Relations Specialists	15	5	10
10222000	Radio, TV Announcers	10	5	5
0240000	All Other Professional & Technical Workers	1,290	475	815
10240200	Accounting Occupations	310	160	150
10240201	Accountants & Auditors	295	155	140
0240203	Tax Examiners, Collectors, Rev. Agents	10	0	10
10240204	Tax Preparers	5	5	0

AVERAGE ANNUAL NUMBER OF JOB OPENINGS, BY OCCUPATION DURING 1985-1995 PERIOD FOR RHODE ISLAND*

MATRIX CODE	OCCUPATIONAL TITLE	Net Openings	Openings Due to Growth	Openings Due to Separation
Professional, Technical & Kindred Occ. (Cont'd.)				
0240400	Architects	10	5	5
10240600	Archivists & Curators	0	0	0
10240800	Buying Occupations	125	40	85
0240801	Purchasing Agents &/or Buyers	35	10	25
10240803	Media Buyers	10	5	5
10240804	Buyers, Retail &/or Wholesale	80	25	55
0241000	Clergies	45	5	40
0241200	Directors, Rel. Act. &/or Rel. Ed.	0	0	0
10242000	Judicial Workers	10	0	10
10242200	Lawyers & Kindred Workers	205	65	140
0242201	Law Clerks	15	5	10
10242202	Lawyers	160	45	115
10242203	Paralegals Personnel	30	15	15
0242400	Librarians & Related Workers	30	0	30
10242800	Personnel & Employment Workers	90	40	50
10242802	Personnel, Labor Relations Spec.	45	15	30
0242803	Employment Interviewers	45	25	20
0243200	Recreation Workers	60	25	35
10243400	Social Workers	115	30	85
10243401	Caseworkers	100	30	70
0243404	Welfare Investigators	0	0	0
10243405	Community Organization Wkrs.	15	0	15
10243600	Vocational & Educ. Counselors	30	0	30
0243800	Misc. Professional Workers	260	105	155
10243804	Cost Estimators	25	5	20
10243810	Credit Analysts	0	0	0
0243811	Title Examiners &/or Abstractors	0	0	0
0243814	Underwriters	30	10	20
10243816	Appraisers, Real Estate	15	5	10
10243817	Assessors	0	0	0
0243820	Special Agents, Insurance	10	5	5
10243821	Travel Agents, Tr. Accom. Appraisers	55	35	20
10243822	Claims Examiners, Prpty./Cslty. Ins.	10	5	5
0243899	All Other Professional Wkrs.	115	40	75
0000000	Managers & Officials	2,960	755	2,205
20020000	Sales Managers	70	30	40
20040000	Administrators, Pub. Inspectors	50	0	50
20040400	Construction Inspectors	5	0	5
20040800	Public Admin., Inspectors, Ex. Const.	15	0	15
20041000	Public Admin., Chief Executives, Legis.	25	0	25
20041200	Postmasters &/or Mail Superints.	5	0	5
20060000	Other Managers, Officials & Props.	2,840	725	2,115

AVERAGE ANNUAL NUMBER OF JOB OPENINGS, BY OCCUPATION DURING 1985-1995 PERIOD FOR RHODE ISLAND*

MATRIX CODE	OCCUPATIONAL TITLE	Net Openings	Openings Due to Growth	Openings Due to Separation
Managers & Officials (Cont'd.)				
0060800	Officers, Pilots, Pursers, Ship	0	0	0
20061200	Conductors, Train	0	0	0
20061400	Managers, Restaurant, Coffee Shop, Etc.	180	65	115
0061600	Other Managers & Administrators	2,660	660	2,000
20061612	Manager Stores	320	85	235
20061613	Managers Auto Service Dept.	20	5	15
0061614	Managers Auto Parts Dept.	15	5	10
20061615	Wholesalers	70	20	50
20061699	All Other Managers	2,235	545	1,690
0000000	Sales Workers	1,580	570	1,010
0001000	Insurance Agents, Brokers Etc.	70	35	35
30001400	Real Estate Agents, Brokers	35	5	30
30001401	Business Brokers	5	0	5
0001402	Real Estate Brokers	5	0	5
30001403	Sales Agents, Sales Reps. Real Estate	25	5	20
30001600	Stock & Bonds Sales Agents	50	30	20
0001604	Sales Agents, Sales Reps., Fin. Serv.	15	10	5
0001605	Sales Agents, Sales Reps., Security	35	20	15
30001800	Misc. Sales Workers	1,425	500	925
30001802	Sales Clerks	750	265	485
0001804	Contribution Solicitors	0	0	0
30001806	Sales Clerk Supervisors	10	5	5
30001807	Sales Reps. Nontechnical	150	50	100
0001808	Sales Reps. Technical	260	90	170
30001899	All Other Sales Workers	255	90	165
40000000	Clerical Workers	4,965	1,340	3,625
0020000	Stenos., Secretaries & Typists	850	90	760
0020200	Secretaries	695	135	560
40020400	Stenographers	0	-40	40
40020600	Typists	155	-5	160
0040000	Office Machine Operators	235	85	150
40040200	Office Machine Operators	60	20	40
40040201	Bookkeeping/Billing Mach. Ops.	55	20	35
0040202	Proofmachine Operators	5	0	5
0040600	Computer, Peripheral Equip. Ops.	85	50	35
40040601	Computer Operators	70	40	30
0040602	Peripheral EDP Equip. Ops.	15	10	5
0040800	Duplicating Machine Operators	30	15	15
40041000	Keypunch /Data Entry Operators	35	-10	45
40041400	All Other Office Machine Ops.	25	10	15
0060000	Other Clerical Workers	3,880	1,165	2,715
40060200	Bank Tellers	120	30	90

AVERAGE ANNUAL NUMBER OF JOB OPENINGS, BY OCCUPATION
DURING 1985-1995 PERIOD FOR RHODE ISLAND*

MATRIX CODE	OCCUPATIONAL TITLE	Net Openings	Openings Due to Growth	Openings Due to Separation
Clerical Workers (Cont'd.)				
0060201	New Account Tellers	15	5	10
40060203	Tellers	105	25	80
40060600	Bookkeepers	585	175	410
0060601	Accounting Clerks	210	60	150
40060603	Bookkeepers, Hand	375	115	260
40060800	Cashiers	590	275	315
0061000	Eligibility Workers, Welfare	10	0	10
0061200	Clerical Supervisors	150	50	100
40061400	Collectors	25	10	15
0061600	Counter Clerks, Ex. Food	130	40	90
0061603	Desk Clerks	25	10	15
40061604	Order Clerks	95	30	65
40061605	Circulation Clerks	0	0	0
0061607	Telephone Ad Takers, Newspaper	5	0	5
40061699	All Other Counter Clerks, Ex. Food	5	0	5
40061800	Dispatchers, Starters, Vehicles	20	5	15
0061803	Dispatchers, Police, Fire, Ambulance	5	0	5
0061804	Dispatchers, Vehicle, Service or Wk.	15	5	10
40062000	Survey Workers	10	5	5
40062200	Estimators, Investigators, n.e.c.	50	20	30
0062201	Credit Authorizers	10	5	5
40062208	Adjustment Clerks	15	5	10
40062209	Checking Clerks	5	0	5
0062210	Claims Clerks	20	10	10
40062211	Credit Reporters	0	0	0
40062299	All Other Estimators, Invest. n.e.c.	0	0	0
0062400	Production Clerks	45	10	35
0062600	File Clerks & Related Workers	75	15	60
40062601	File Clerks	55	10	45
40062699	Personnel Clerks & Admissions Eval.	20	5	15
0062800	Claims Workers, Insurance	30	15	15
40062801	Claims Examiners, Insurance	20	10	10
40062803	Claims Adjuster	10	5	5
0063000	Library Assistants	30	5	25
0063200	Postal Mail Carriers	110	60	50
40063400	Mail Handlers, Ex. Postal Svc.	10	0	10
0063600	Messengers & Office Helpers	5	0	5
0063601	Messengers, Bank	0	0	0
40063602	Messengers	5	0	5
40063800	Meter Readers	5	0	5
0064000	Payroll Time Keeping Clerks	45	-5	50
40064200	Postal Service Clerks	25	10	15

AVERAGE ANNUAL NUMBER OF JOB OPENINGS, BY OCCUPATION DURING 1985-1995 PERIOD FOR RHODE ISLAND*

MATRIX CODE	OCCUPATIONAL TITLE	Net Openings	Openings Due to Growth	Openings Due to Separation
Clerical Workers (Cont'd.)				
0064400	Proofreaders	5	0	5
40064800	Receptionists & Related Workers	300	115	185
40064802	Receptionists	185	70	115
0064803	Switchboard Ops./Receptionists	115	45	70
40065000	Shipping, Receiving Occupations	190	50	140
40065001	Shipping & Receiving Clerks	85	25	60
0065002	Shipping Packers	105	25	80
0065200	Statistical Clerks	20	0	20
40065205	Brokerage Clerks	0	0	0
40065209	Raters	15	5	10
0065211	Statistical Clerks	5	-5	10
40065217	Insurance Checkers	0	0	0
40065299	All Other Statistical Clerks	0	0	0
0065400	Stock Clerks, Storekeepers	115	-10	125
40065402	Procurement Clerks	10	0	10
40065404	Stock Clerks, Stockroom, Whse., Etc.	105	-10	115
40065600	Teachers Aides/Education Assts.	70	25	45
0066200	Telephone Operators	55	0	55
40066201	Switchboard Operators	50	10	40
40066202	Central Office Operators	5	-10	15
0066299	All Other Telephone & Telegraph Ops.	0	0	0
40066400	Ticket, Station, Express Agents	20	10	10
40066600	Weighers, Recordkeeping	5	0	5
0066800	All Other Clerical Workers	1,030	255	775
0066801	Loan Closers	10	5	5
40066808	Service Representatives	10	0	10
40066811	General Clerks Office	660	165	495
0066815	Policy Change Clerks	5	5	0
40066840	Town Clerks	5	0	5
40066841	Credit Clerks Banks &/or Ins.	10	5	5
0066842	Mortgage Closing Clerks	0	0	0
40066846	Insurance Clerks, Medical	15	5	10
40066848	License Clerks	5	0	5
0066898	All Other Office Clerical Wkrs.	250	55	195
0066899	All Other Plant Clerical Wkrs.	60	15	45
50000000	Crafts And Kindred Workers	2,495	760	1,735
50020000	Construction Craft Workers	765	240	525
0020200	Carpenters	310	90	220
50020600	Brickmason & Stonemasons	55	15	40
50020601	Bricklayers	50	15	35
0020602	Stonemasons	5	0	5
0021200	Cement Mason	10	5	5

AVERAGE ANNUAL NUMBER OF JOB OPENINGS, BY OCCUPATION DURING 1985-1995 PERIOD FOR RHODE ISLAND*

MATRIX CODE	OCCUPATIONAL TITLE	Net Openings	Openings Due to Growth	Openings Due to Separation
	Crafts & Kindred Workers (Cont'd.)			
50021400	Electricians	90	30	60
50021800	Excavating, Grading Mach. Ops.	35	15	20
50022200	Painters, Maintenance	125	45	80
50022600	Paperhangers	25	10	15
50022800	Plasterers & Related Occupations	10	5	5
50023200	Plumbers & Pipefitters	80	20	60
50023600	Roofers	15	5	10
50023800	Structural Steel Workers	5	0	5
50024000	Tile Installing Occupations	5	0	5
50040000	Blue Collar, Working Supervisors	210	40	170
50060000	Metal Working Crafts Workers, Ex. Mech.	140	0	140
50060400	Boilermakers	0	0	0
50060600	Heat Treaters, Annealers, Etc.	5	0	5
50060800	Forge & Hammer Operators	0	0	0
50061000	Job & Die Setters, Metal	25	0	25
50061003	Machine Tool Setters Metal Wrk.	20	0	20
50061007	Punch Press Setters, Metal	5	0	5
50061099	All Other Job & Die Setters, Metal	0	0	0
50061200	Machining Occupations	45	5	40
50061202	Layout Markers, Metals	0	0	0
50061206	Machinists	45	5	40
50061600	Millwrights	5	0	5
50061800	Molders Metal	0	0	0
50061801	Metal Mold Makers	0	0	0
50061804	Molders, Bench &/or Floors	0	0	0
50061805	Molders, Machine (Metal)	0	0	0
50062200	Pattern & Model Makers	0	0	0
50062400	Rollers & Finishers, Metal	5	0	5
50062415	Rolling Mill Ops./Attendants	5	0	5
50062499	All Other Rollers & Finishers Metal	0	0	0
50062600	Sheet Metal Workers	30	10	20
50063000	Toolmakers & Diemakers	25	-15	40
50080000	Mechanics, Repairers, Installers	500	235	265
50080200	Refrigeration Mechanic, A/C Mech.	25	10	15
50080402	Aircraft Mechanics	10	5	5
50080600	Autoseat Cover, Top Installers	0	0	0
50080800	Autobody Repairers	30	15	15
50081000	Automotive Mechanics	160	85	75
50081800	Heavy Equip. Mechs., Inc. Diesel	70	20	50
50081803	Engineering Equip. Mechs.	5	0	5
50081806	Marine Mechs., Repairers	10	5	5
50081807	Maintenance Mechanics	55	15	40

AVERAGE ANNUAL NUMBER OF JOB OPENINGS, BY OCCUPATION DURING 1985-1995 PERIOD FOR RHODE ISLAND*

MATRIX CODE	OCCUPATIONAL TITLE	Net Openings	Openings Due to Growth	Openings Due to Separation
Crafts & Kindred Workers (Cont'd.)				
0081899	All Other Heavy Equip. Mechs, Inc. Diesel	0	0	0
50082000	Household Appl. Mech. & Inst.	5	0	5
50082002	Electric Meter Installers, Etc.	0	0	0
0082005	Gas & Electric Appliance Installers	5	0	5
50082007	Household Appliance Installer	0	0	0
50082009	Water Meter Installers	0	0	0
0082012	Household Appliance Repairers	0	0	0
50082200	Loom Fixers	5	-5	10
50082400	Office Machine Servicers/Cash Reg. Svc.	55	40	15
0082600	Radio & TV Servicers & Repairers	15	5	10
0082800	Railroad Car Shop Repairers	0	0	0
50083200	Other Mechs., Repairers, Installers	125	60	65
50083202	Bicycle Repairers	15	10	5
0083204	Electric Motor Repairers	10	5	5
50083212	Locksmiths	0	0	0
50083215	Coin Machine Servicers, Repairers	10	5	5
50083222	Diesel Mechanics	35	15	20
50083225	Pinsetters Mechs., Automatic	0	0	0
50083229	All Other Mechs. & Repairers	55	25	30
50100000	Printing Trade Craft Workers	105	35	70
50100200	Bookbinding Occupations	25	5	20
50100205	Bookbinders Machine	15	5	10
50100206	Bindery Workers, Assembly	5	0	5
50100208	All Other Bindery Workers	5	0	5
50100400	Compositiors &/or Typesetters	20	5	15
50100800	Engravers Ex. Photoengravers	5	0	5
50101000	Photoengravers, Lithographers	20	10	10
50101001	Strippers Printing	10	5	5
50101002	Camera Operators, Printing	10	5	5
50101003	Photoengravers	0	0	0
50101200	Press & Plate Printers	35	15	20
50101201	Press Operators, Plate Printers	10	5	5
50101202	Offset Lithographic Press Ops.	20	10	10
50101206	Gravure Press Operators	0	0	0
50101207	Letter Press Operators	5	0	5
50101299	Other Press & Plate Printers	0	0	0
50120000	Transportation, Pub. Util. Craftworkers	-5	-15	10
50120200	Elec. Powerline Inst., Repairers	5	0	5
50120201	Cable Splicers	0	0	0
50120202	Line Installers, Repairers	5	0	5
50120400	Locomotive Engineers & Helpers	0	0	0
50120800	Power Station Operators	0	0	0

AVERAGE ANNUAL NUMBER OF JOB OPENINGS, BY OCCUPATION
DURING 1985-1995 PERIOD FOR RHODE ISLAND*

MATRIX CODE	OCCUPATIONAL TITLE	Net Openings	Openings Due to Growth	Openings Due to Separation
Crafts & Kindred Workers (Cont'd.)				
0121000	Telephone Installers, Repairers	-10	-15	5
50121001	Installers, Repairers, Sec. Maint.	0	0	0
0121003	Station Installers	-5	-10	5
0121010	Central Office Repairers	-5	-5	0
50121011	Trouble Locators, Test Desk	0	0	0
50140000	Other Crafts, Kindred Workers	780	225	555
0140200	Baking Occupations	25	5	20
50140400	Cabinetmakers	55	25	30
50140600	Carpet Cutters, Carpet Layers	10	5	5
0140800	Crane, Derrick, Hoist Occups.	5	0	5
0141000	Merchandise Displayers & Wind Trmrs.	15	5	10
50141200	Dental Lab Technicians	0	0	0
0141400	Furniture Finishers	5	0	5
0141800	Glazing Occupations	10	5	5
50142200	Other Inspection Occupations	160	15	145
50142202	Inspectors	130	10	120
0142205	Testers	30	5	25
50142400	Jewelers & Watchmakers	65	10	55
50142401	Jewelers &/or Silversmiths	40	10	30
0142402	Watchmakers	5	0	5
0142410	Stone Setters	20	0	20
50142800	Motion Picture Projectionists	5	0	5
50143000	Opticians, Lens Grinders, Polisher	5	0	5
0143400	Shipfitters	40	5	35
50143600	Shoe Repairing Occupations	5	0	5
50144000	Stationary Engineering Occ.	20	5	15
0144003	Diesel Plant Operators	0	0	0
50144013	Sewage Plant Operators	10	5	5
50144014	Stationary Engineer	5	0	5
0144025	Water Treatment Plant Operators	5	0	5
0144099	All Other Stationary Eng. Occ.	0	0	0
50144200	Stone Cutting & Carving Occ.	0	0	0
50144400	Tailors	25	5	20
0144600	Upholstering Occupations	10	0	10
50144601	Furniture Upholsterers	10	0	10
50144699	All Other Upholstering Occ.	0	0	0
0144800	Craft & Kindred Workers n.e.c.	320	140	180
0144821	Maintenance Repairers, Gen. Util.	145	65	80
50144899	All Other Skilled Craft Wkrs.	175	75	100
61000000	Operatives Ex. Transportation	1,945	185	1,760
1020000	Semiskilled Metalworking Ops.	305	5	300
61020200	Drill Press Ops.	20	-5	25

AVERAGE ANNUAL NUMBER OF JOB OPENINGS, BY OCCUPATION
DURING 1985-1995 PERIOD FOR RHODE ISLAND*

MATRIX CODE	OCCUPATIONAL TITLE	Net Openings	Openings Due to Growth	Openings Due to Separation
Operatives Ex. Transporatation (Cont'd.)				
1020400	Furnace Tndrs., Smelters, Pourers	5	0	5
61020404	Casters, Finished or Semifinished Prod.	0	0	0
61020435	Pourers, Metal	0	0	0
1020436	Furnace Operators, Cupola Tenders	5	0	5
61020600	Grinding/Abrading Mach. Ops., Metal	15	-15	30
61021000	Lathe, Milling Mach. Ops.	25	-10	35
1021006	Lathe Machine Operators, Metal	20	-5	25
61021007	Milling/Planning Mach. Ops	5	-5	10
61021099	All Other Lathe, Milling Mach. Ops.	0	0	0
61021200	Metal Platers	35	10	25
1021201	Electroplaters	30	10	20
61021202	Dip Platers, Nonelectrolytic	5	0	5
61021400	Other Precision Mach. Ops.	50	5	45
61021402	Machine Tool Operators, Combo.	35	5	30
61021403	Machine Tool Operators, Num. Control	10	0	10
61021404	Wood Machinists	0	0	0
61021405	Machine Tool Ops., Tool Room	5	0	5
61021600	Power Press Operatives	60	-5	65
61021609	Punch Press Ops., Metal	50	-5	55
61021610	Punch Press Ops., Plastic	5	0	5
61021611	Power Brake, Bending Mach. Ops., Met.	5	0	5
61022000	Welders & Flamecutters	95	25	70
61040000	Semiskilled Textile Operatives	135	-35	170
61040200	Carding, Lapping, Combing Ops.	5	0	5
61040202	Card Tenders, Comber Tenders, Etc.	5	0	5
61040299	All Other Carding, Lapping, Combing Ops.	0	0	0
61040400	Knitters, Loopers & Toppers	5	-5	10
61040403	Knitting Machine Operators	5	-5	10
61040409	Warp Knitting Mach. Ops	0	0	0
61040600	Spinners, Twisters	85	-15	100
61040601	Beam Warptenders &/or Beamers	10	0	10
61040604	Bobbin Winders, Mach/Sewing Mach.	5	0	5
61040606	Creelers Yarn	5	0	5
61040607	Doffers	5	0	5
61040608	Dresser Tenders	0	0	0
61040610	Quilling Mach. Operators	5	0	5
61040612	Spinners Frame	5	-5	10
61040613	Threaders, Knitgoods	0	0	0
61040615	Twister Tenders	10	-5	15
61040616	Warp Tying Mach. Tenders	0	0	0
61040617	Winder Operators, Automatic	10	0	10
61040618	Yarn Winders	20	-5	25

AVERAGE ANNUAL NUMBER OF JOB OPENINGS, BY OCCUPATION DURING 1985-1995 PERIOD FOR RHODE ISLAND*

MATRIX CODE	OCCUPATIONAL TITLE	Net Openings	Openings Due to Growth	Openings Due to Separation
Operatives Ex. Transportation (Cont'd.)				
1040619	Spooler Operators, Automatic	5	0	5
61040699	All Other Spinners, Twisters & Winders	5	0	5
61040800	Weaving Occupations	10	-10	20
1040802	Smash Hands	0	0	0
61040804	Weavers	10	-10	20
61041000	Other Textile Occupations	30	-5	35
1041008	Cloth Feeders &/or Back Tenders	5	0	5
61041009	Cloth Finishing Range Tndrs., Mdle.	5	0	5
61041010	Cloth Finishing Range Ops., Chiefs	5	0	5
1041011	Cloth Printers	5	0	5
1041025	Tenter Frame Operators	0	-5	5
61041028	Folders, Hand	5	0	5
61041099	All Other Textile Occupations	5	0	5
1060000	Semiskilled Packing, Inspecting Ops.	185	10	175
61060200	Checkers, Examiners, Etc. Mfg.	5	0	5
61060400	Graders & Sorters, Mfg.	5	0	5
1060800	Packers, Wrappers, Ex. Meat & Produce	175	10	165
1060802	Production Packagers	155	10	145
61060804	Baggers	15	0	15
60160807	Wrapping Mach. Ops.	5	0	5
1080000	Other Operatives, Ex. Transport.	1,320	205	1,115
61080400	Assemblers	345	50	295
61080415	Wirers, Electronic	10	0	10
1080416	Coil Finishers	5	0	5
61080419	Assemblers	185	35	150
61080436	Machine Assemblers	0	-10	10
1080437	Instrument Makers/Assemblers	30	5	25
1080438	Elec. Mech. Equip. Assemblers	10	0	10
61080439	Elec. & Electronic Assemblers	80	20	60
61080440	All Other Assemblers	25	0	25
1081000	Surveyor Helpers	5	5	0
61081200	Clothing Ironers & Pressers	45	15	30
61081201	Pressers, Hand	5	0	5
1081202	Pressers, Machine	10	5	5
1081203	Pressers, Mach. Laundry	30	10	20
61081400	Cutting Operators, n.e.c	15	0	15
61081403	Cutters, Machine	5	0	5
61081424	Diecutters, Clicking Mach. Ops.	5	0	5
61081459	Shear &/or Slitter Ops., Met.	5	0	5
61081499	All Other Cutting Ops., n.e.c.	0	0	0

AVERAGE ANNUAL NUMBER OF JOB OPENINGS, BY OCCUPATION DURING 1985-1995 PERIOD FOR RHODE ISLAND*

MATRIX CODE	OCCUPATIONAL TITLE	Net Openings	Openings Due to Growth	Openings Due to Separation
Operatives	Ex. Transportation (Cont'd.)			
1081600	Sewers Custom	20	5	15
61082000	Dry Wall Installers, Lathers	5	0	5
61082001	Drywall Applicators	5	0	5
1082003	Tapers	0	0	0
61082200	Dyers	10	5	5
61082204	Dye Range Ops./Sp. Dye Beck Tenders	10	5	5
1082205	Dye Reel Ops., Jiggers, Pad Mach. Ops.	0	0	0
1082400	Filers, Polishers, Sanders, Buffers	70	0	70
61082401	Filers, Grinders, Buffers, Chippers	70	0	70
1082499	All Others Filers, Polishers, Sanders, Buffers	0	0	0
1082600	Garage Workers, Gas Station Attendants	20	0	20
61082603	Marine Service Station Attendants	0	0	0
61082604	Trailer Rental Attendants	0	0	0
1082605	Fuel Pump Attendants, Lubricators	10	-5	15
61082606	Tire Changers	10	5	5
61082800	Laundry, Dry Cleaning Ops., n.e.c.	60	10	50
1082801	Markers, Classifiers, Assemblers	5	0	5
1082804	Washers, Mach. &/or Starchers	20	5	15
61082806	Dry Cleaning Mach. Ops.	5	0	5
61082809	Laundry Ops., Sm. Establishments	25	5	20
1082818	Folders Laundry	5	0	5
61082899	All Other Laundry, Dry Cleaning Ops. n.e.c.	0	0	0
61083200	Meatcutters, Butchers Processing, Butchers Fish	10	5	5
61083800	Mixing Operatives	5	0	5
61084000	Oilers	5	0	5
61084200	Painters, Mfg. Articles	40	10	30
61084201	Painters, Automotive	10	5	5
61084202	Decorators, Hand	5	0	5
61084210	Painters, Production	25	5	20
61084400	Other Photo Process Workers	60	35	25
61084600	Riveters & Fasteners	0	0	0
61084800	Sailors & Deckhands	5	5	0
61085000	Sawyers	10	0	10
61085003	Cutoff Saw Operators, Ripsaw Operators, Lumber	0	0	0
61085013	Sawyers Metal	5	0	5
61086014	Sawyers Stone	0	0	0
61085099	All Other Sawyers	5	0	5
61085200	Sewers & Stitchers	80	0	80
61085205	Sewing Mach. Ops., Reg. Eqmt. Nongar.	35	5	30
61085214	Menders Cloth	15	5	10
61085215	Sewing Mach. Ops., Spec. Eqmt. Nongar	5	0	5
61085216	Sewing Mach. Ops., Spec. Eqmt. Gar.	5	0	5

AVERAGE ANNUAL NUMBER OF JOB OPENINGS, BY OCCUPATION DURING 1985-1995 PERIOD FOR RHODE ISLAND*

MATRIX CODE	OCCUPATIONAL TITLE	Net Openings	Openings Due to Growth	Openings Due to Separation
Operatives Ex. Transportation (Cont'd.)				
1085220	Sewing Mach. Ops., Reg. Eqmt. Garment	20	-10	30
61085400	Shoemaking Machine Ops.	0	0	0
1085600	Furnace Tenders, Stokers, Ex. Metal	20	0	20
1085800	Winding Operatives n.e.c.	55	25	30
61086000	Misc. Mach. Ops., Meat & Dairy	5	0	5
61086200	Misc. Mach. Ops., All Other Food	20	10	10
1086207	Washer &/or Separators Food	0	0	0
61086258	Doughnut Makers/Doughnut Mach. Ops.	20	10	10
61086265	Dyetank Tenders Etc.	0	0	0
1086292	Oven Operators	0	0	0
1086299	All Other Misc. Mach. Ops., All Other Fd.	0	0	0
61086600	Misc Mach. Ops., Textile Mills	5	0	5
1086601	Laminating Mach. Ops., Etc.	0	0	0
1086604	Calender Ops., Cloth Pressing	0	0	0
61086608	Coating Mach. Ops.	0	0	0
61086699	All Other Misc. Mach. Ops., Textile Mills	5	0	5
1086800	Misc. Mach. Ops., Lumber Products	5	0	5
61086818	Woodworking Mach. Ops.	5	0	5
61086899	All Other Misc. Mach. Ops., Lumber Prod.	0	0	0
1087000	Misc. Mach. Ops., Paper Allied	10	0	10
1087200	Misc. Mach. Ops., Chemical Allied	10	0	10
61087288	Chemical Operators Helpers	5	0	5
61087290	Chemical Operators	5	0	5
1087299	All Other Misc. Mach. Ops., Chem., Allied	0	0	0
61087600	Misc. Mach. Ops., Rubber Plastic	40	0	40
61087603	Rubber Mill Operators	0	0	0
1087618	Press Tenders, Rubber Goods	0	0	0
61087623	Extruder Ops., Rubber or Plastics	5	0	5
61087624	Extruder Ops. Helpers, Rub. or Plas.	0	0	0
1087633	Calander Ops., Rubber or Plastic	0	0	0
1087635	Rotation Molding Mach. Ops.	0	0	0
61087637	Vacuum Plastic Forming Mach. Ops.	0	0	0
61087645	Compr. &/or Inject. Mold Mach. Ops., Plas.	35	0	35
1087699	All Other Misc. Mach. Ops., Rubber, Plas.	0	0	0
61087800	Misc. Mach. Ops., Leather, Leather Goods.	0	0	0
61087806	Molders Fiberglass Luggage	0	0	0
1087807	Handbag Framers	0	0	0
1088000	Misc. Mach. Ops., Stone, Clay, Glass	0	0	0
61088004	Sliver Forming & Winding Ops., Etc.	0	0	0
61088099	All Other Misc. Mach. Ops., Stone, Clay, Glass	0	0	0
1088200	Misc. Mach. Ops., Primary Metals	45	10	35
61088229	Coilers, Winders &/or Spoolers	0	-5	5

AVERAGE ANNUAL NUMBER OF JOB OPENINGS, BY OCCUPATION DURING 1985-1995 PERIOD FOR RHODE ISLAND*

MATRIX CODE	OCCUPATIONAL TITLE	Net Openings	Openings Due to Growth	Openings Due to Separation
Operatives Ex. Transportation (Cont'd.)				
61088260	Stranding Mach. Ops.	5	0	5
61088267	Draw-Bench Operators, Tube Drawers	0	0	0
61088280	Insulating Extruding Mach. Ops.	0	-5	5
61088287	Die-Casting Mach. Ops., Setters	5	0	5
61088289	Coil Tapers, Hand or Machine	15	10	5
61088299	All Other Misc. Mach. Ops., Prim. Metals	20	10	10
61088400	Misc. Mach. Ops., Mfg., n.e.c.	40	-10	50
61088401	Screen/Stencil Printers/Setters	5	-5	10
61088406	Braiding Mach. Ops.	15	-5	20
61088407	Grinder Ops.	0	0	0
61088415	Laminators, Preforms	5	0	5
61088416	Press Ops., Plastic	5	0	5
61088419	Rubber Mold Makers	5	0	5
61088437	Insul. Wrapping/Braiding Mach. Ops.	0	0	0
61088499	All Other Misc. Mach. Ops., Mfg, n.e.c.	5	0	5
61088600	Misc. Mach. Ops., Nonmfg.	5	0	5
61088614	Tire Fabricators Repairers	5	0	5
61088699	All Other Misc. Mach. Ops., Nonmfg.	0	0	0
61088800	Operatives, n.e.c. Durable Goods	200	10	190
61088803	Bench Hand, Jewelry	120	5	115
61088805	Casters	10	0	10
61088806	Chain Makers, Hand	5	0	5
61088817	Fabricators, Plastic	0	0	0
61088818	Finishers, Hand	5	0	5
61088834	Plater Helpers	50	10	40
61088849	Wax Pattern Workers	10	0	10
61088850	Wire Drawers	0	-5	5
61088899	All Other Operatives, n.e.c., Dur. Goods	0	0	0
61089000	Operatives, n.e.c., Non. Dur. Goods	35	5	30
61089032	Luggage Makers	20	0	20
61089078	Casters, Plastic	0	0	0
61089095	Press Assistants & Feeders	5	0	5
61089097	Mailers	10	5	5
61089099	All Other Ops., n.e.c., Non. Dur. Goods	0	0	0
61089200	Operatives, n.e.c. Nonmfg.	15	10	5
61089204	Exterminators	10	5	5
61089210	Termite Treaters	5	5	0
62000000	Transportation Equip. Operatives	610	200	410
62000200	Motor Boat Operators	0	0	0
62000400	Bus Drivers	175	45	130
62000401	Bus Drivers	55	10	45
62000402	Bus Drivers, School	120	35	85

AVERAGE ANNUAL NUMBER OF JOB OPENINGS, BY OCCUPATION DURING 1985-1995 PERIOD FOR RHODE ISLAND*

MATRIX CODE	OCCUPATIONAL TITLE	Net Openings	Openings Due to Growth	Openings Due to Separation
Transportation Equipment Operatives (Cont'd.)				
62000800	Delivery & Route Workers	140	55	85
62000801	Delivery & Route Wkrs.	140	55	85
2000802	Furniture Assemblers & Installers	0	0	0
2001000	Fork Lift, Tow Motor Ops.	20	-10	30
62001400	Parking Lot Attendants	15	5	10
2001600	Railroad Brake Operators	0	0	0
2002000	Taxicab Drivers, Chauffeurs	35	10	25
62002001	Ambulance Drivers/Amb. Attendants	10	5	5
62002004	Taxi Drivers	5	0	5
2002007	Chauffeurs	20	5	15
2002200	Truck Driving Occupations	225	95	130
63000000	All Other Ops. & Semiskilled Workers	250	0	250
0000000	Service Workers	5,935	1,885	4,050
0020000	Cleaning Service Workers	1,225	290	935
70040000	Food Service Workers	2,270	775	1,495
70040200	Bakers, Bread &/or Pastry	20	5	15
0040400	Bartenders	230	80	150
70040600	Dining Room Attendants, Bar Helpers, Etc.	45	35	10
70040800	Cooks, Ex. Private	325	105	220
0040802	Cooks, Short Order, Spec. Fast Food	95	25	70
0040803	Cooks, Restaurant	150	65	85
70040804	Cooks, Institutional	80	15	65
0041400	Butchers &/or Meat Cutters, Retail	15	-5	20
0041600	Waiters &/or Waitresses	565	205	360
70041601	Host/Hostess Rest., Lnge, Cof. Shop	40	20	20
70041602	Waiters &/or Waitresses	525	185	340
0041800	Food Workers, n.e.c., Ex. Private	1,070	350	720
70041802	Kitchen Helpers	435	120	315
70041804	Food Prep. & Serv. Wkrs., Fast Fd. Rest.	270	120	150
0041805	Pantry, Sandwich &/or Coffee Makers	20	5	15
0041899	All Other Food Service Workers	345	105	240
70060000	Health Service Workers	665	235	430
70060400	Health Aides, Ex. Nursing	0	0	0
0061000	Nursing Assistant Occupation	665	235	430
70061010	Nurses Aide/Orderlies	540	190	350
70061011	Psychiatric Aides	80	20	60
0061013	Medical Assistants	45	25	20
0080000	Personal Service Workers	725	220	505
70080800	Attendants, Recreation & Amusement	15	5	10
0080401	Recreation Facility Attendants	0	0	0
0080402	Game Ops., Ride Ops., Concess. Wkrs.	5	0	5
70080407	Lifeguards	10	5	5

AVERAGE ANNUAL NUMBER OF JOB OPENINGS, BY OCCUPATION DURING 1985-1995 PERIOD FOR RHODE ISLAND*

MATRIX CODE	OCCUPATIONAL TITLE	Net Openings	Openings Due to Growth	Openings Due to Separation
Service Workers (Cont'd.)				
70080600	Attendants, Personal Service, n.e.c.	205	60	145
70080608	Guides, Travel	20	5	15
70080611	Instructors, Reducing	55	15	40
70080616	Housekeepers, Hotel & Motel	100	35	65
70080618	Checkroom & Locker Room Attendants	10	0	10
70080619	Guides, Sightseeing or Establishment	20	5	15
70080699	All Other Attendants, Personal Svc. n.e.c.	0	0	0
70080800	Baggage Porters & Bellhops	5	5	0
70081000	Barbers	65	5	60
70081600	Childcare Workers, Ex. Private	260	85	175
70082000	Hairdressers, Cosmetologists	140	55	85
70082600	School Monitors	0	0	0
70082800	Ushers, Lobby Attns., Ticket Takers	15	0	15
70083000	Social Service Aides	20	5	15
70100000	Protective Service Workers	810	250	560
70100200	Crossing Guards, Bus Monitors	85	70	15
70100400	Firefighting Occupations	45	15	30
70100401	Fire Fighters	35	10	25
70100402	Fire Officers &/or Inspectors	10	5	5
70100600	Guards	610	145	465
70100601	Guards & Doorkeepers	540	135	405
70100602	Checkers Fitting Room	10	0	10
70100606	Fish & Game Wardens	0	0	0
70100607	Correction Officers &/or Jailers	60	10	50
70101000	Police & Detectives	65	20	45
70101002	Store Detectives	10	5	5
70101004	Police Officers	15	5	10
70101005	Police Detectives	5	0	5
70101006	Police Patrolmen/Women	35	10	25
70101099	All Other Police & Detectives	0	0	0
70101200	Sheriffs & Baliffs	5	0	5
70120000	Private Household Workers	40	5	35
70120400	Cooks, Private Households	5	0	5
70121000	Maids, Housekeepers Private Households	35	5	30
70200000	Other Service Workers	200	110	90
80000000	Laborers, Ex. Farm	1,215	210	1,005
80000200	Animal Caretakers	15	5	10
80000600	Construction Laborers, Ex. Carpenters Helper	30	10	20
80000601	Air Hammer Operators	0	0	0
80000609	Pipelayers	10	5	5
80000610	Reinforcing-Iron Workers	0	0	0
80000628	Highway Maintenance Workers	20	5	15

AVERAGE ANNUAL NUMBER OF JOB OPENINGS, BY OCCUPATION DURING 1985-1995 PERIOD FOR RHODE ISLAND*

MATRIX CODE	OCCUPATIONAL TITLE	Net Openings	Openings Due to Growth	Openings Due to Separation
Laborers Ex. Farm (Cont'd.)				
0000629	Asphalt Rakers	0	0	0
80001000	Freight, Material Handlers	10	5	5
0001020	Conveyor Operators or Tenders	10	5	5
0001023	Work Distributor	0	0	0
80001099	All Other Freight Material Handlers	0	0	0
80001200	Garbage Collectors	15	5	10
0001400	Gardeners & Groundskeepers	155	25	130
80002000	Stock Handlers	210	75	135
80002001	Order Fillers	60	5	55
0002003	Stock Clerks, Sales Floor	150	70	80
0002400	Vechicle Washers, Equipment Cleaners	20	5	15
80002800	Other Laborers	760	80	680
80002822	Riggers	5	0	5
0002823	Helpers Trades	80	30	50
80002899	All Other Laborers & Unskilled Wkrs.	675	50	625
90000000	Farmers & Farm Workers	65	0	65
0020000	Farmers & Farm Managers	15	0	15
0020200	Farmers (Owners & Tenents)	10	0	10
90020400	Farm Managers	5	0	5
0040000	Farm Laborers, Farm Supervisors	50	0	50
0040200	Farm Supervisors	5	0	5
90040400	Farm Laborers	45	0	45

* Due to rounding, changes of less than ± 5 openings per year appear as a zero (0).

D. Potential Occupational Supply

The following table is a list of occupations in which there were 50 or more active applicants on file with the Rhode Island Job Service at the end of February 1989. An active applicant is a person who is available for referral to a job.

Despite the long-term declines in unemployment in the State, there are a variety of occupations in which there are a substantial number of available applicants. An occupation which has over 50 applicants shows a definite labor surplus. Although not all these applicants are unemployed, a substantial proportion of Job Service applicants are not working.

Some of the occupations on this list are not relevant to the types of training conducted under the Job Training Partnership Act (JTPA) and similar programs. However, program administrators should take note of those occupations in which there is a significant labor surplus when planning job training curricula.

OCCUPATIONS WITH 50 OR MORE APPLICANTS AT THE END OF FEBRUARY 1989

D.O.T. Code	Occupational Title	Active Applicants
163.167-018	SALES MANAGER	58
169.167-010	ADMINISTRATIVE ASSISTANT	76
169.167-034	OFFICE MANAGER	92
183.117-014	PRODUCTION SUPERINTENDENT	52
185.167-046	RETAIL STORE MANAGER	139
187.167-106	FOOD SERVICE MANAGER	84
201.362-030	SECRETARY	125
209.562-010	GENERAL OFFICE CLERK	276
210.382-014	BOOKKEEPER I	88
211.462-010	GENERAL CASHIER	52
211.462-014	CASHIER-CHECKER	76
216.482-010	ACCOUNTING CLERK	65
219.362-010	ADMINISTRATIVE CLERK	92
222.387-050	SHIPPING AND RECEIVING CLERK	102
237.367-038	RECEPTIONIST	82
311.477-026	FORMAL WAITER/WAITRESS	54
311.477-030	INFORMAL WAITER WAITRESS	95
313.361-014	RESTAURANT COOK	92
318.687-010	KITCHEN HELPER	67
355.674-014	NURSE AIDE	99
381.687-014	COMMERCIAL CLEANER	97
408.687-014	LANDSCAPE LABORER	76
616.360-018	MACHINE OPERATOR I	108
620.261-010	AUTOMOBILE MECHANIC	79
840.381-010	PAINTER	140
860.381-022	CARPENTER	221
869.664-014	CONSTRUCTION WORKER I	172
869.687-026	CONSTRUCTION WORKER II	112
899.381-010	BUILDING MAINTENANCE REPAIRER	60
904.383-010	TRACTOR-TRAILER-TRUCK DRIVER	70
905.663-014	HEAVY TRUCK DRIVER	143
906.683-022	LIGHT TRUCK DRIVER	65
920.587-018	HAND PACKAGER	191
921.683-050	INDUSTRIAL-TRUCK OPERATOR	58
922.687-058	WAREHOUSE WORKER	144
929.687-030	MATERIAL HANDLER	180

Section 4: Recent Trends in Unemployment

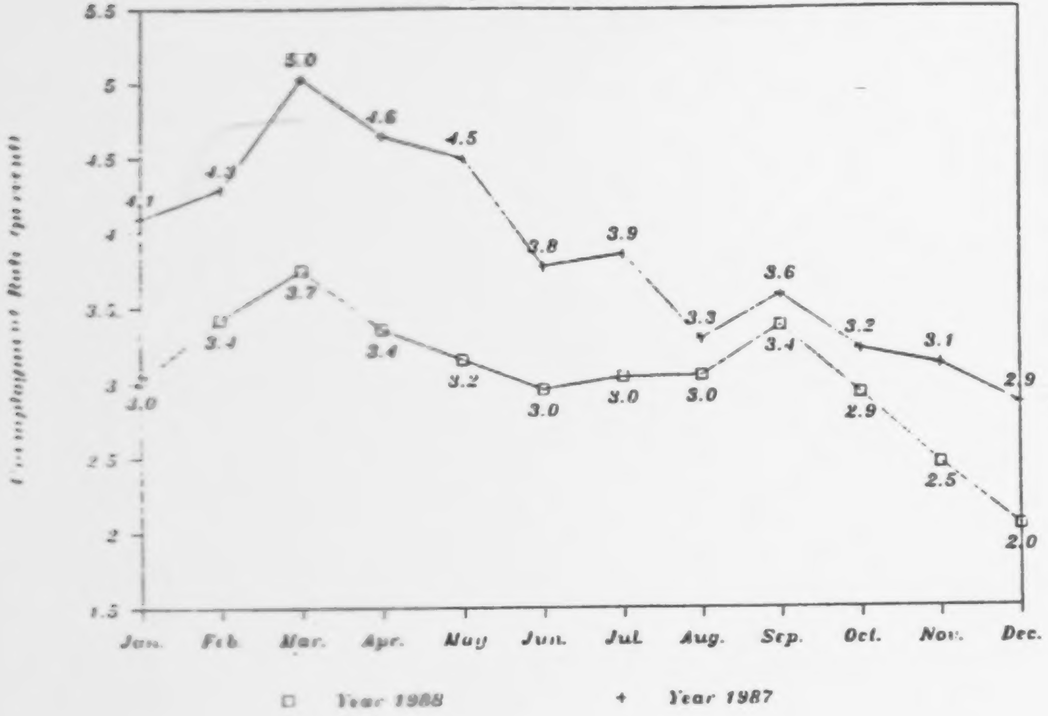
The annual average number of unemployed in Rhode Island in 1988 was 16,000, a decrease of 4,000 or 2.0 percent from the 1987 average of 20,000. This decline in the number of unemployed caused the State's jobless rate to drop from 3.8 percent in 1987 to 3.0 percent in 1988.

Unemployment was on the decline for much of the year. Although the number of unemployed reached its highest level in March (19,400), this total gradually decreased during the summer months as the unadjusted rate correspondingly experienced a downturn. By December, unemployment fell to 10,900, while the unemployment rate stood at its lowest 1988 level of 2.0 percent.

The State's economic expansion is expected to slow somewhat in Program Year 1989, leading to modest increases in the jobless level and unemployment rate. Average unemployment in Rhode Island for Program year 1989 is expected to rise to around 20,000 from the record lows experienced in calendar year 1988. This should result in an average state unemployment rate of approximately 3.7 percent for PY 1989, which would represent a return to calendar year 1987 levels. The state's unemployment rate, however, should continue to remain well below the national average.

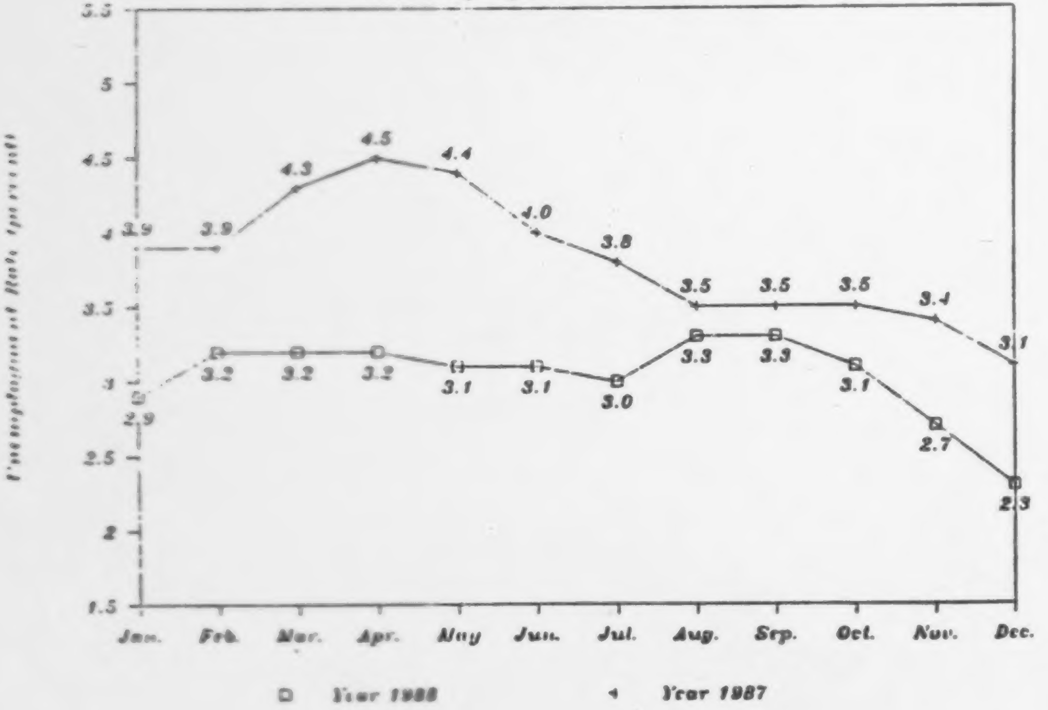
R.I. UNEMPLOYMENT RATE

Unadjusted 1988 & 1987



R.I. UNEMPLOYMENT RATE

Seasonally Adjusted 1988 & 1987



(REV. 2/89)

RHODE ISLAND LABOR FORCE AND UNEMPLOYMENT

1988

Month	Unemployment	Labor Force	UNEMPLOYMENT RATE Unadjusted	UNEMPLOYMENT RATE Seasonally Adjusted
January	15,500	513,200	3.0%	2.9%
February	17,400	508,800	3.4%	3.2%
March	19,400	517,700	3.7%	3.2%
April	17,400	518,600	3.4%	3.2%
May	16,500	522,800	3.2%	3.1%
June	15,500	524,400	3.0%	3.1%
July	16,200	532,700	3.0%	3.0%
August	16,400	537,800	3.0%	3.3%
September	18,000	532,800	3.4%	3.3%
October	15,600	532,500	2.9%	3.1%
November	13,200	536,800	2.5%	2.7%
December	10,900	533,900	2.0%	2.3%
Annual Average	16,000	526,000	3.0%	

SOURCE: R. I. Department of Employment Security

(REV. 2/89)

RHODE ISLAND LABOR FORCE AND UNEMPLOYMENT

1987

Month	Unemployment	Labor Force	UNEMPLOYMENT RATE Unadjusted	UNEMPLOYMENT RATE Seasonally Adjusted
January	20,700	506,000	4.1%	3.9%
February	21,600	504,000	4.3%	3.9%
March	25,700	510,500	5.0%	4.3%
April	24,000	516,900	4.6%	4.5%
May	23,300	518,200	4.5%	4.4%
June	19,600	520,000	3.8%	4.0%
July	20,400	529,400	3.9%	3.8%
August	17,400	528,700	3.3%	3.5%
September	18,800	524,700	3.6%	3.5%
October	16,900	524,600	3.2%	3.5%
November	16,500	528,400	3.1%	3.4%
December	15,100	528,700	2.9%	3.1%
Annual Average	20,000	520,000	3.8%	

SOURCE: R.I. Department of Employment Security

Section 5: Characteristics of the Insured Unemployed

The average number of insured unemployed (persons collecting regular Unemployment Insurance benefits) increased from 11,234 in 1987 to 15,519 in 1988. This annual gain was characterized by a significant increase in the number of males (4,810 or 44.9 percent) while the number of women in the insured unemployed actually declined by 525 for the year.

Among industry groupings, manufacturing showed the largest annual decline in insured unemployment, followed by the trade segment, and services. Conversely, contract construction, finance, insurance and real estate, "all other" industries, and transportation and public utilities registered increases over the previous year in the number of insured unemployed from these segments.

Within occupational skill categories, the most substantial decrease in the insured unemployed was recorded in services, followed by bench work, machine trades and miscellaneous occupations. Forestry, fishery, and related occupations, processing, and clerical and sales showed decreases. The only notable increases in insured unemployment were seen in the structural work and professional, technical and managerial categories. Annual fluctuations in insured unemployed in the remaining occupational divisions were less significant.

CHARACTERISTICS OF INSURED UNEMPLOYED

ANNUAL AVERAGE - 1988 AND 1987

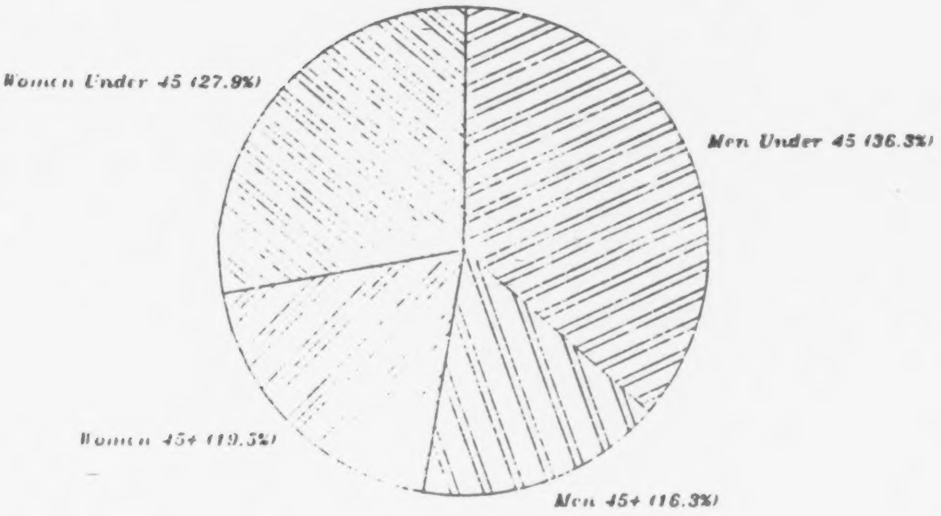
	1988		1987	
	NUMBER	Percent	NUMBER	Percent
SEX AND AGE				
Total	15,519	100.0	11,234	100.0
Men	10,724	69.1	5,914	52.6
Under 45	7,647	71.3	4,083	69.0
45 and over	3,077	28.7	1,831	31.0
Women	4,795	30.9	5,320	47.4
Under 45	2,927	61.0	3,129	58.8
45 and over	1,868	39.0	2,191	41.2
INDUSTRY ATTACHMENT				
Total All Industries	11,176	100.0	11,234	100.0
Contract Construction	1,830	16.4	1,328	11.8
Manufacturing	3,999	35.8	4,686	41.7
Transportation & Public Utilities	649	5.8	626	5.6
Trade	1,549	13.9	1,620	14.4
Finance, Insurance, & Real Estate	450	4.0	335	3.0
Service	1,713	15.3	1,742	15.5
All Other	986	8.8	897	8.0
OCCUPATIONAL SKILLS				
Total All Industries	11,176	100.0	11,234	100.0
Prof., Tech. and Mgr.	1,723	15.4	1,368	12.2
Clerical and Sales	2,031	18.2	2,055	18.3
Service	791	7.1	1,121	10.0
Forestry, Fishery, and Related	225	2.0	272	2.4
Processing	327	2.9	369	3.3
Machine Trades	1,119	10.0	1,277	11.4
Bench Work	1,417	12.7	1,613	14.4
Structural Work	2,120	19.0	1,581	14.1
Miscellaneous	1,153	10.3	1,304	11.6
Not Available	270	2.4	274	2.4

NOTE: Percentages may not add to 100.0% due to rounding.

SOURCE: R.I. Department of Employment Security

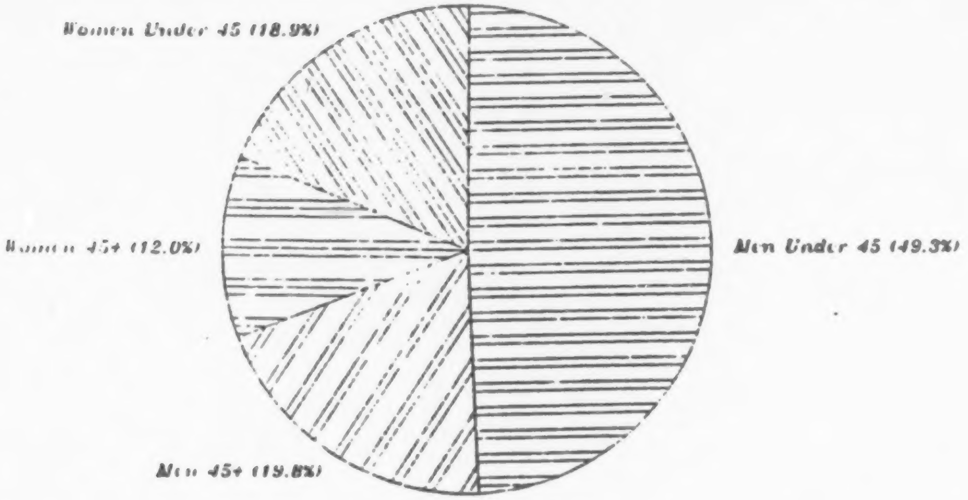
CHARACTERISTICS OF INSURED UNEMPLOYED

Sex and Age – 1987



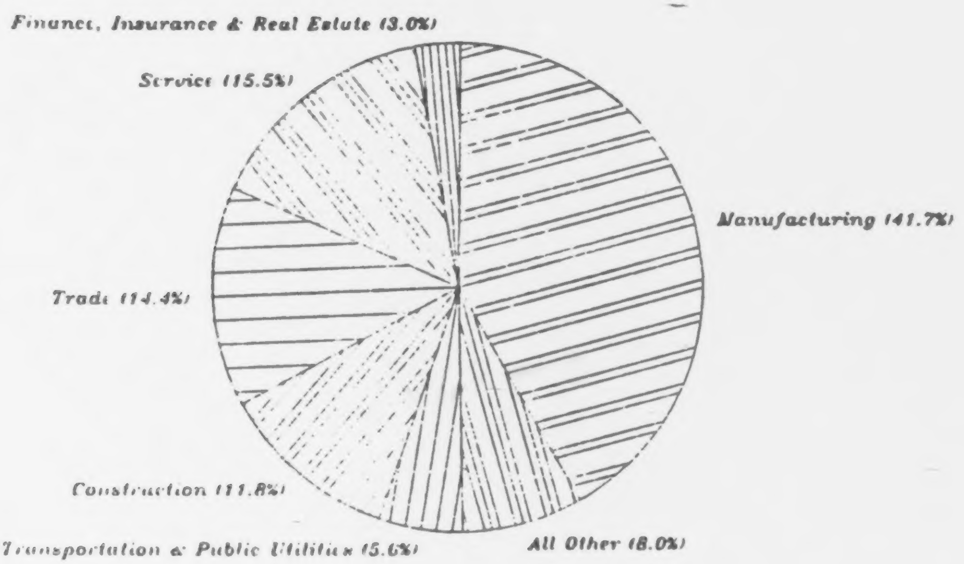
CHARACTERISTICS OF INSURED UNEMPLOYED

Sex and Age – 1988



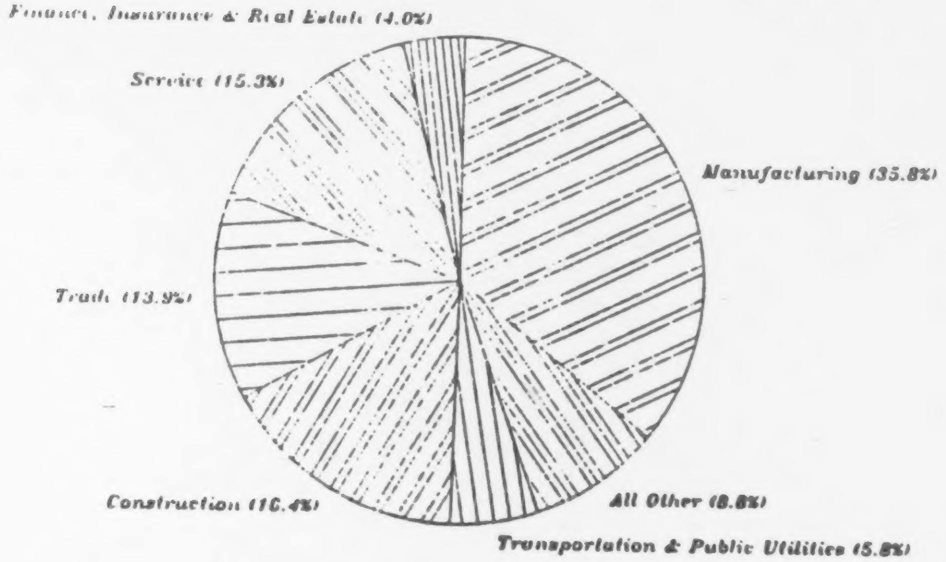
CHARACTERISTICS OF INSURED UNEMPLOYED

Industry Attachment – 1987



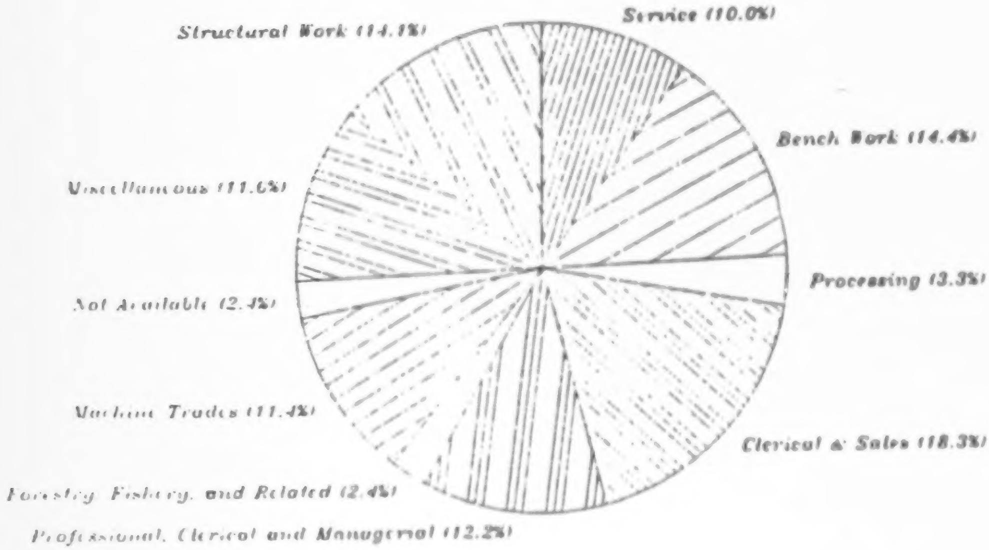
CHARACTERISTICS OF INSURED UNEMPLOYED

Industry Attachment – 1988



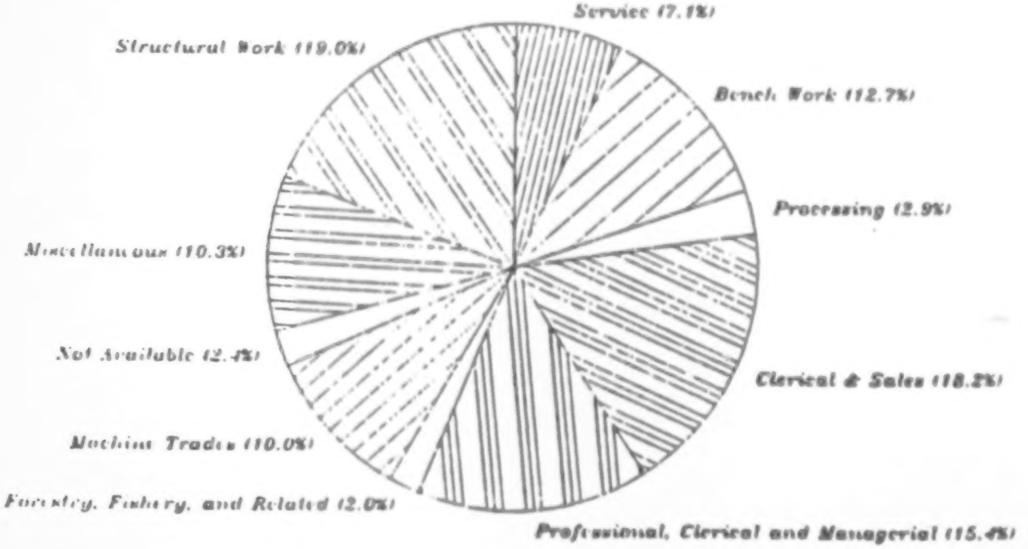
CHARACTERISTICS OF INSURED UNEMPLOYED

Occupational Skills – 1987



CHARACTERISTICS OF INSURED UNEMPLOYED

Occupational Skills – 1988



- APPENDIX -

SOURCES OF DATA

Population totals and characteristics for 1970 and 1980 were obtained from the 1970 and 1980 Census of Population and Housing. Population estimates for 1985 and projections for the year 2000 were obtained from the Rhode Island Division of Planning. Population estimates for 1986 were obtained from the Bureau of the Census, Report P-26.

Operating statistics, establishment employment data, and unemployment estimates prepared by the Rhode Island Department of Employment Security were the major sources of current data. Unemployment estimates are prepared in accordance with the methodology required by the Bureau of Labor Statistics, U.S. Department of Labor.

Data on job openings was obtained from Job Bank summary tables.

Technical Notes and Explanatory Material

The employment and unemployment information in this report was compiled by the Labor Market Information Section of the Rhode Island Department of Employment Security, affiliated with the Employment and Training Administration and the Bureau of Labor Statistics, U.S. Department of Labor. Data in the report is based in part on current survey data collected from a sample of local employers, as well as information developed in the course of the normal operations of the Job Service and Unemployment Insurance Programs operated by the Rhode Island Department of Employment Security.

An explanation of some of the technical terminology for various items discussed in the report is presented on the following pages.

Establishment Employment

Nonagricultural wage and salary establishment employment refers only to employees on establishment payrolls during the sample week in each month (week including the 12th), and excludes self-employed, unpaid family workers, domestic workers, agricultural workers, and workers involved in labor-management disputes. Nonagricultural wage and salary employment figures relate to place of work of the workers and not to their place of residence. To the extent that multiple job holding exists during the payroll period, the establishment payroll records may count a person more than once. In addition, the payroll data includes incommuters who live outside the state, but no outcommuters who work outside the state.

Labor Force Estimates

Unemployment data included in this report for the State of Rhode Island are conceptually comparable with those released by the U.S. Department of Labor each month for the country as a whole. However, they are developed on the basis of a different procedure.

Currently, the Bureau of Labor Statistics (BLS) produces labor force estimates for the Nation and for the 11 largest states directly from the Current Population Survey (a sample of households throughout the country). Until recently, unemployment data for the other 39 states was based on data from Unemployment Insurance programs. However, these estimates were not comparable from state to state because of differences in these programs.

Beginning in January 1989, the Bureau shifted to a new method of calculating monthly employment/unemployment estimates for the 39 states, including Rhode Island. The new method uses time series regression models which permit use of Current Population Survey (CPS) data, Current Employment Statistics (CES) data and Unemployment Insurance (U.I.) data in a more accurate and reliable manner. Two estimating equations are used for each state, one for employment and the other for the unemployment rate. Both models automatically adjust to structural change in the state's economy. Once the data are incorporated into the models for the month, the unemployment rate and labor force estimates are calculated. The unemployment rate represents the number of unemployed workers as a percent of the civilian labor force. Civilian labor force is the sum of all employed persons (exclusive of the Armed Forces), the unemployed, and persons involved in labor-management disputes.

Job Openings and Job Applicants

The information on job openings and job applicants found in this report is based upon data on job openings listed and applicants registered for work with the Rhode Island Job Service. While such openings are in general reasonably representative of the kinds of occupations in demand in the state, Job Service unfilled openings (the total of employer orders which are on file and which have not been filled as of a particular day) may understate needs in some occupations for which hiring is normally handled through other channels such as union hiring halls. Openings unfilled for one month or more are generally considered hard-to-fill.

Job applicants registered with the Job Service are reasonably representative of the available worker supply in most occupational categories. These job seekers include unemployed persons, new and re-entrants to the labor force, and currently employed workers seeking a job change.

CY88

S6980-3

Rev. 2/89

PAWTUCKET-WOONSOCKET-ATTLEBORO PMSA

Establishment Employment**

Calendar Year 1988

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Average
NONAGRICULTURAL WAGE & SALARIED EMPLOYMENT	127.6	128.4	129.3	130.3	132.1	133.0	131.0	131.9	132.9	133.2	133.5	133.3	131.5
MANUFACTURING EMPLOYMENT	50.0	50.8	50.7	50.1	51.0	51.3	49.8	50.9	50.9	50.9	51.2	50.3	50.7
Textiles	5.2 *	5.3	5.3	5.3	5.2	5.2	4.9	5.2	5.2	5.1	5.1	5.0	5.2
Primary Metal Industry	4.1	4.9	4.9	4.8	5.3	5.4	5.3	5.2 *	5.2	5.2	5.1	5.1	5.0
Fabricated Metal Products	4.8	4.8	4.8	4.8	5.0	5.0	4.8	4.9	4.9	4.9	4.9	4.9	4.9
Jewelry	7.9	7.9	7.9	7.7	7.9	7.9	7.8	7.9	7.8	7.9	8.0	7.9	7.9
All Other Manufacturing	28.0	27.9	27.8	27.5	27.6	27.8	27.0	27.7	27.8	27.8	28.1	27.4	27.7
NON-MANUFACTURING EMPLOYMENT	77.6	77.6	78.6	80.2	81.1	81.7	81.2	81.0	82.0	82.3	82.3	83.0	80.8
Contract Construction	4.9	4.8	5.3	6.0	6.1	6.3	6.5	6.4	6.4	6.4	6.2	6.1	6.0
Trans., Comm. & Public Utilities	3.4	3.4	3.5	3.5	3.5	3.6	3.3	3.3	3.5	3.6	3.6	3.7	3.5
Wholesale & Retail Trade	32.0	31.8	31.9	32.4	33.2	33.3	33.3	33.1	33.5	33.4	33.7	34.2	33.0
Finance, Insurance & Real Estate	3.8	3.8	3.8	3.9	3.8	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
Service, except domestic	23.4	23.5	23.8	24.1	24.2	24.3	24.2	24.4	24.5	24.8	24.7 *	24.8	24.2
Government	10.1	10.3	10.3	10.3	10.3	10.3	10.0	9.9	10.2	10.2	10.2	10.3	10.2
NOT INCLUDED IN ABOVE:													
Self-employed, Farm & Other	6.8	6.9	7.1	7.4	7.7	7.4	7.4	7.6	7.4	7.3	7.5	7.4	7.3

* Labor Dispute
** A count of jobs by place of work

PAWTUCKET-WOONSOCKET-ATTLEBORO PMSA

Establishment Employment**

Calendar Year 1987

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Average
NONAGRICULTURAL WAGE & SALARIED EMPLOYMENT	129.3	128.7	130.3	132.0	133.6	134.4	132.1	133.1	133.2	134.6	135.4	134.4	132.6
MANUFACTURING EMPLOYMENT	53.4	53.0	53.6	53.9	54.0	54.2	52.8	53.9	54.2	54.4	54.8	53.8	53.8
Textiles	5.1	5.1	5.2	5.1	5.1	5.1	5.0	5.2	5.2	5.2	5.2	5.1	5.1
Primary Metal Industry	5.3	5.2	5.3	5.3	5.2	5.2	5.2	5.3	5.3	5.4	5.5	5.5	5.3
Fabricated Metal Products	5.0	5.0	5.0	5.0	5.0	5.0	4.9	5.0	5.0	5.0	5.1	5.0	5.0
Jewelry	8.9	8.8	8.9	9.0	9.0	9.0	8.9	9.0	9.0	9.1	9.2	9.0	9.0
All Other Manufacturing	29.1	28.9	29.2	29.5	29.7	29.9	28.8	29.4	29.7	29.7	29.8	29.2	29.4
NON-MANUFACTURING EMPLOYMENT	75.9	75.7	76.7	78.1	79.6	80.2	79.3	79.2	79.0	80.2	80.6	80.6	78.8
Contract Construction	4.4	4.1	4.3	4.6	4.9	5.1	5.2	5.2	5.2	5.3	5.3	5.0	4.9
Trans., Comm. & Public Utilities	3.4	3.3	3.4	3.4	3.5	3.5	3.4	3.5	3.4	3.5	3.4	3.5	3.4
Wholesale & Retail Trade	31.1	30.8	31.2	31.8	32.4	32.7	32.2	32.2	32.3	32.6	33.0	33.4	32.2
Finance, Insurance & Real Estate	3.6	3.6	3.6	3.7	3.6	3.7	3.7	3.7	3.6	3.6	3.6	3.6	3.7
Service, except domestic	23.5	23.8	23.9	24.4	25.0	24.9	24.5	24.7	24.7	25.1	25.1	24.9	24.5
Government	9.9	10.1	10.3	10.2	10.2	10.3	10.3	9.9	9.8	10.1	10.2	10.2	10.1
NOT INCLUDED IN ABOVE:													
Self-employed, Farm & Other	6.2	7.0	7.0	7.3	7.3	7.4	7.4	7.5	7.2	7.6	7.5	7.3	7.2

* Labor Dispute

** A count of jobs by place of work

Rev. 2/89

PROVIDENCE PMSA

Establishment Employment**

Calendar Year 1988

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Average
NONAGRICULTURAL WAGE & SALARIED EMPLOYMENT	314.7	315.0	316.9	321.5	321.7	322.7	319.7	321.0	324.9	328.2	330.4	331.1	322.3
MANUFACTURING EMPLOYMENT	71.0	71.6	71.4	72.0	71.6	71.9	69.8	71.2	71.7	71.6	71.7	71.2	71.3
Textiles	3.7	3.7	3.8	4.0	4.0	4.0	3.7	3.7	3.8	3.8	3.8	3.8	3.8
Rubber & Misc. Plastics Products	3.1	3.1	3.0	3.1	3.0	3.1	3.1	3.2	3.1	3.2	3.2	3.2	3.1
Primary Metal Industry	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.5	1.5	1.6 *	1.6 *	1.6	1.5
Fabricated Metal Products	5.5	5.5	5.5	5.5	5.6	5.6	5.5	5.5	5.5	5.5	5.6	5.5	5.5
Machinery (exc. electrical)	4.6	4.8	4.5	4.6	4.6	4.6	4.3	4.4	4.4	4.2	4.2	4.1	4.4
Electrical Machinery	5.2	5.1	5.1	5.0	4.8	4.8	4.5	4.7	4.7	4.6	4.6	4.6	4.8
Transportation Equipment	7.5	7.4	7.4	7.3	7.1	7.1	7.0	7.0	7.2	7.2	7.2	7.2	7.2
Instruments	3.8 *	3.9 *	3.8 *	3.7 *	3.7 *	3.7 *	3.7 *	3.7 *	3.7 *	3.7 *	3.8 *	3.8 *	3.8
Jewelry	19.0	19.4	19.4	19.8	19.6	19.6	19.0	19.8	20.0	20.0	19.9	19.6	19.6
All Other Manufacturing	17.1	17.2	17.4	17.5	17.7	17.9	17.6	17.7	17.8	17.8	17.8	17.8	17.6
NON-MANUFACTURING EMPLOYMENT	243.7	243.4	245.5	249.5	250.1	250.8	249.9	249.8	253.2	256.6	258.7	259.9	251.0
Contract Construction	12.7	12.6	13.4	15.0	15.5	16.2	16.9	16.8	16.7	16.6	16.5	16.6	15.5
Trans., Comm. & Public Utilities	11.8	11.8	12.0	12.2	12.6	12.8	12.2	12.2	12.6	12.7	12.8	12.9	12.4
Wholesale & Retail Trade	68.9	68.8	69.2	69.6	70.1	70.9	70.4	70.8	70.7	71.4	73.1 *	73.6	70.6
Finance, Insurance & Real Estate	21.9	21.9	22.1	22.1	22.0	22.2	22.5	22.5	22.5	22.5	22.5	22.5	22.3
Service, except domestic	83.9	83.7	84.2	86.1 *	86.2	84.9 *	85.7 *	85.7	87.9	89.4	89.3	89.6 *	86.4
Government	44.5	44.6	44.6	44.5	43.7	43.8	42.2	41.8	42.8	44.0	44.5	44.7	43.8
NOT INCLUDED IN ABOVE:													
Self-employed, Farm & Other	16.2	16.2	16.7	17.9	17.9	17.2	17.3	17.6	17.2	17.2	17.8	17.6	17.2

* Labor Dispute
** A count of jobs by place of work

PROVIDENCE PMSA

Rev. 1/88

Establishment Employment**

Calendar Year 1987

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Average
NONAGRICULTURAL WAGE & SALARIED EMPLOYMENT	310.2	309.4	313.0	317.2	317.5	319.2	315.6	317.1	321.2	323.7	325.5	325.2	317.9
MANUFACTURING EMPLOYMENT	73.2	73.2	73.4	74.0	73.6	74.2	71.7	73.3	73.4	73.6	73.7	72.8	73.3
Textiles	3.7	3.8	3.8	4.1	4.0	4.0	3.7	3.8	3.6	3.6	3.5	3.4	3.8
Rubber & Misc. Plastics Products	3.5	3.6	3.6	3.7	3.6	3.7	3.6	3.7	3.7	3.7	3.7	3.6	3.6
Primary Metal Industry	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.6
Fabricated Metal Products	5.6	5.5	5.5	5.5	5.6	5.6	5.4	5.6	5.6	5.6	5.6	5.5	5.6
Machinery (exc. electrical)	4.6 *	4.6 *	4.6 *	4.7 *	4.7 *	4.7 *	4.6 *	4.6 *	4.6 *	4.6 *	4.5 *	4.5	4.6
Electrical Machinery	5.7	5.7	5.7	5.6	5.5	5.6	5.4	5.5	5.5	5.6	5.7	5.7	5.6
Transportation Equipment	7.7	7.7	7.7	7.6	7.4	7.4	7.2	7.4	7.5	7.5	7.6	7.6	7.5
Instruments	3.8 *	3.8 *	3.7 *	3.6 *	3.6 *	3.6 *	3.5 *	3.6 *	3.6 *	3.6 *	3.6 *	3.6 *	3.6
Jewelry	19.9	20.0	20.2	20.6	20.4	20.4	19.9	20.5	20.6	20.8	20.9	20.5	20.4
All Other Manufacturing	17.1	16.9	17.0	17.0	17.2	17.6	16.8	17.0	17.1	17.1	17.1	16.9	17.0
NON-MANUFACTURING EMPLOYMENT	237.0	236.2	239.6	243.2	243.9	245.0	243.9	243.8	247.8	250.1	251.8	252.4	244.6
Contract Construction	12.3	11.7	12.3	13.8	14.3	15.1	15.4	15.4	15.3	15.4	15.2	14.8	14.3
Trans., Comm. & Public Utilities	11.5	11.4	11.7	11.5	11.9	12.2	11.8	11.7	12.1	12.2	12.1	12.2	11.9
Wholesale & Retail Trade	68.8	67.7	68.3	68.7	69.1	70.0	70.0	70.5	70.6	70.7	71.9	73.0	69.9
Finance, Insurance & Real Estate	21.0	21.0	21.1	21.1	21.2	21.5	21.5	21.5	21.5	21.3	21.4	21.4	21.3
Service, except domestic	79.6	80.5	81.6	83.4	83.6	82.3	82.8	82.6	85.0	85.8	86.0	85.8	83.2
Government	43.8	43.9	44.6	44.7	43.8	43.9	42.4	42.1	43.3	44.7	45.2	45.2	44.0
NOT INCLUDED IN ABOVE:													
Self-employed, Farm & Other	16.7	16.2	16.2	16.7	16.6	16.8	16.9	17.2	16.6	17.6	17.4	17.0	16.8

* Labor Dispute

** A count of jobs by place of work

56990-1-W

SERIOUS CRIME IN RHODE ISLAND: 1988

SUMMARIZING STATISTICS FOR:

- ARSON
- ASSAULT
- BURGLARY
- HOMICIDE
- LARCENY
- MOTOR VEHICLE THEFT
- RAPE
- ROBBERY

GOVERNOR'S JUSTICE COMMISSION
STATISTICAL ANALYSIS CENTER
STATE OF RHODE ISLAND

AUGUST, 1989
REPORT NO. 26

EXECUTIVE SUMMARY

BRIEF ANALYSIS OF YEAR 1988

In 1988, serious crime in Rhode Island decreased by 1.3%; however, in the critical category of violent (person) crimes, notable increases occurred. For example, homicides increased by 29.7%; rape by 22.3%; robbery by 6.1%, and assault by 13.7%. It is obvious that a large decrease in the crime category of burglary (breaking and entering) was responsible for the overall serious crime downturn.

One may ask: Why is there a sizable decrease in burglaries? A logical theory may be that Rhode Island's well-organized neighborhood crime watch groups may be succeeding. Their crime prevention lectures and literature, plus citizen patrols appear to have a positive effect, particularly in residential areas.

Increased homicide offenses painted a rather grim picture; there has not been an annual total as high as 48 homicides since the year 1980, when 52 homicides were committed.

TREND ANALYSIS

Is Rhode Island headed for a crime-crisis situation? Drug abuse crime aside, the answer is a clear no. Although Rhode Island's overall crime increased for the second consecutive year a review of crime over a twenty year period reveals that the state is following through with a normal cycle of consistency, i.e., 3-4 years of decreases, 2-4 years of increases, etc. Further, the 1987 and 1988 results, although over 50,000 offenses in number, are substantially less than the early 1980's decade years of 1981 and 1982. Finally, given that Rhode Island's population has grown an estimated 3% since the 1980 census, it then directly follows that crime rates have, conversely, decreased.

RAPE: STATUS UPDATE

The violent crime of rape (offenses) continues to climb in Rhode Island. Both the law enforcement community and the R.I. Rape Crisis Center reported staggering statistics in 1988. Briefly, 302 rapes were reported to the state's various police departments; as has been the case in past history, many more are reported to the R.I. Rape Crisis Center (652 during 1988). Although projects and programs have expanded in Rhode Island relative to rape and sexual assault occurrences, and subsequent service needs, comprehensive statewide strategies should perhaps be developed.

ACKNOWLEDGMENTS

A special salute is made to the retiring John Butler of the State Fire Marshal's Office. Mr. Butler, a former Deputy Fire Chief with the City of Providence, has been very helpful in organizing detailed data into understandable terminology. Our best wishes to you John. The GJC sincerely acknowledges the efforts put forth by the staff of the State Police's UCR Center, namely Lt. Louis Clark, Brian Glancy and on a project/consultant basis, Leo Trambukis. Much thanks to Dennis Tierney, formerly of the SAC, now retired, who nevertheless was extremely helpful in compiling the data and calculating same via a contract agreement with the GJC/SAC.

TABLE OF CONTENTS

This report contains the following sections:

I **Summary Statistics**
II **Crime Trends (Graphics)**
III **Crime Rates**
IV **Arson Data**
V **Definitions/Reporting Methods**

Edward D. DiPrete, Governor

GOVERNOR'S JUSTICE COMMISSION

Mary A. Parella,
Executive Director

John J. Moran,
Chairman

Norman Dakake, Director,
Statistical Analysis Center

222 Quaker Lane, West Warwick, RI 02893
(401) 277-3620

SECTION 1

SUMMARY STATISTICS & COMPARISON PROFILES

SERIOUS CRIME

SUMMARY, 1987 vs. 1988

OFFENSE	(# Of Offenses) 1987	1988	Rhode Island % CHANGE	United States *% CHANGE
HOMICIDE (Murder, Manslaughter)	37	47	+27.0%	+3%
RAPE	247	302	+22.3%	+1%
ROBBERY	1,066	1,131	+6.1%	+4%
ASSAULT	2,212	2,515	+13.7%	+7%
BURGLARY (Breaking & Entering)	14,078	12,396	-12.0%	-1%
LARCENY (Theft)	26,843	26,813	-.1%	+2%
MOTOR VEHICLE THEFT	7,785	8,210	5.5%	+11%
Sub-totals	52,268	51,414	-1.6%	
ARSON	923	1,104	+2.0%	N/A
Totals	53,191	52,518	-1.3%	+3%

N/A = Not Available

** Preliminary figures released by FBI, May, 1988*

VIOLENT vs. NON-VIOLENT CRIME

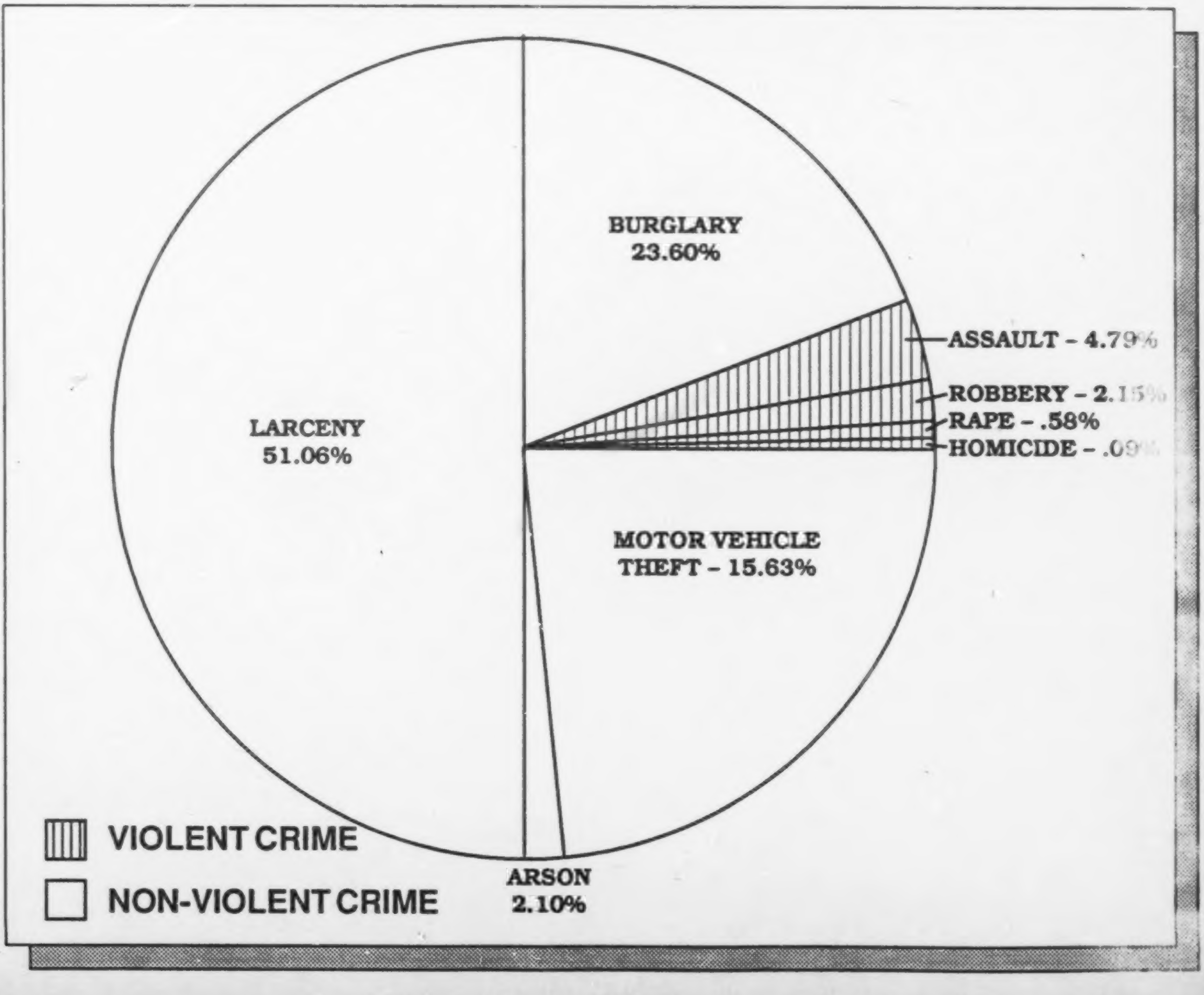
PERSON (VIOLENT) CRIMES:

CRIME	1987	1988	Total % Change
HOMICIDE	37	47	
RAPE	247	302	
ROBBERY	1,066	1,131	
ASSAULT	2,212	2,515	
TOTALS	3,562	3,995	+12.2%

PROPERTY (NON-VIOLENT) CRIMES:

CRIME	1987	1988	Total % Change
BURGLARY	14,078	12,396	
LARCENY	26,843	26,813	
MVT	7,785	8,210	
SUB-TOTALS	48,076	47,419	-2.7%
ARSON	923	1,104	–
TOTALS	49,629	48,523	-2.3%

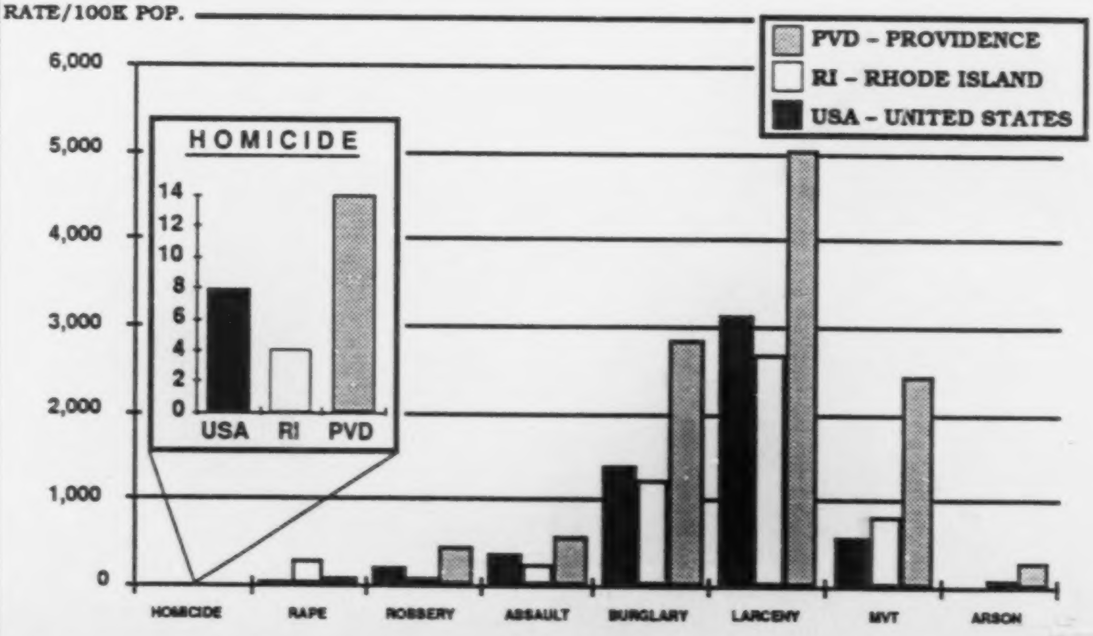
SERIOUS CRIME DISTRIBUTION



CRIME RATE COMPARISON[1] RHODE ISLAND – UNITED STATES & THE CITY OF PROVIDENCE

CRIME/ OFFENSE	UNITED STATES	RHODE ISLAND	THE CITY OF PROVIDENCE
HOMICIDE	8	4	14
RAPE	38	302	83
ROBBERY	221	113	480
ASSAULT	370	252	597
BURGLARY	1,392	1,240	2,872
LARCENY	3,135	2,681	5,052
***M.V.T.**	583	821	2,468
ARSON [2]	–	97	287
TOTAL CRIME INDEX	**5,664**	**5,488 [3]**	**11,538 [4]**

[1] 1988 RATES PER 100,000 POPULATION – ALL NUMBERS ROUNDED
[2] NO U.S. ARSON RATES AVAILABLE
[3] RESULT IS 3% GREATER THAN U.S. RATE
[4] RESULT IS 104% GREATER THAN U.S. AND 110% GREATER THAN R.I. RATES
* MOTOR VEHICLE THEFT



SERIOUS CRIMES: COMPARISON ANALYSIS

1979 - 1988 (TEN YEAR TRENDS)

CRIMINAL OFFENSE	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
Homicide	40	52	44	37	32	38	36	33	37	48
Rape	129	159	167	185	157	211	244	208	247	302
Robbery	998	1,127	1,258	1,095	1,077	1,091	1,119	1,158	1,066	1,131
Assault	2,176	2,575	2,721	2,505	2,221	1,883	1,929	1,859	2,212	2,515
Burglary	14,123	16,289	15,747	13,399	12,720	11,385	11,907	12,542	14,078	12,396
Larceny	27,740	28,110	27,545	27,057	25,375	24,645	24,028	24,861	26,843	26,813
Motor Vehicle Theft	7,262	8,011	8,222	7,048	6,232	6,636	6,303	6,858	8,032	8,210
SubTotals	**52,468**	**56,323**	**55,704**	**51,326**	**47,814**	**45,889**	**45,566**	**47,519**	**52,515**	**51,415**
Arson	*	1,466	1,360	1,109	910	714	937	935	923	1,104
Totals	**---0---**	**57,789**	**57,064**	**52,435**	**48,724**	**46,603**	**46,503**	**48,454**	**53,438**	**52,519**
% Change	**+10.1%**	**+7.4%**	**-1.3%**	**-5.9%**	**-7.1%**	**-4.4%**	**-0.2%**	**+4.2%**	**+10.3%**	**-1.3%**

* *Arson was a Part II crime In 1979, and in previous years.*

COUNTY SERIOUS CRIME DISTRIBUTION

1987 vs. 1988 RESULTS[1]

County	SERIOUS CRIME 1987	SERIOUS CRIME 1988	% Change	County Pop.[2]	% Of Population
Bristol	1,130	970	-14.2%	46,942	5.0%
Kent	8,080	8,300	+2.7%	154,163	16.3%
Newport	3,959	4,375	+10.5%	81,383	8.6%
Providence	35,701	33,408	-6.4%	571,349	60.3%
Washington	3,645	3,251	-10.8%	93,317	9.8%
Totals	**52,515**	**50,304**	**-2.2%**	**947,154**	———

[1] Arson Statistics Not Included

[2] R.I. Final 1980 Population Count(s) - U. S. Bureau of Census

TYPE OF FORCE USED DURING COMMISSION OF VIOLENT CRIMES

OFFENSE	TYPE OF FORCE	1987	PERCENT TO TOT.	1988	PERCENT TO TOT.
HOMICIDE	Gun	14	38%	17	36%
	Knife	14	38%	11	23%
	Other Dangerous Weapon	2	5%	9	19%
	Hands, Fist, Feet	7	19%	10	22%
	Totals	**37**	-	**47**	-
RAPE	Gun	4	2%	16	5%
	Knife	10	4%	36	12%
	Other Dangerous Weapon	11	4%	21	7%
	Hands, Fist, Feet	222	90%	229	76%
	Totals	**247**	-	**302**	-
ROBBERY	Gun	210	20%	212	19%
	Knife	168	16%	197	17%
	Other Dangerous Weapon	97	9%	128	11%
	Strong Arm	591	55%	594	53%
	Totals	**1,066**	-	**1,131**	-
ASSAULT	Gun	301	14%	324	13%
	Knife	452	20%	435	17%
	Other Dangerous Weapon	1,127	51%	1,021	41%
	Hands, Fist, Feet	332	15%	735	29%
	Totals	**2,212**	-	**2,515**	-

HOMICIDE: SPECIFIC DATA – 1988

WEAPON	INCIDENTS	% TO TOTAL
Gun	17	36%
Knife	11	23%
Other Lethal Methods	9	19%
Hands, Fist, Feet, etc.	10	22%
TOTAL	47	100%

RAPE: SPECIFIC DATA – 1988

RAPE BY FORCE

WEAPON	INCIDENTS	% TO TOTAL
Gun	7	3%
Knife	21	9%
Other Lethal Methods	11	5%
Hands Fist, Feet, etc.	193	83%
TOTAL	232	100%

RAPE BY ASSAULT

WEAPON	INCIDENTS	% TO TOTAL
Fun	0	0%
Knife	12	17%
Other Lethal Methods	1	1%
Hands, Fist, Feet, etc.	57	82%
TOTAL	70	100%

LARCENY: SPECIFIC DATA – 1988

TYPE OF LARCENY	INCIDENTS	% TO TOTAL
Pocket Picking	75	.3%
Purse Snatching	435	2%
Shoplifting	2,534	9%
From Motor Vehicles	5,731	21%
Motor Vehicle Parts	5,901	22%
Bicycles	1,750	6%
From Buildings	5,075	19%
Coin Operated Machines	89	.3%
Other	5,214	20%
TOTAL	26,813	100%

RHODE ISLAND – 1988 PART I CRIMES – NUMBER OF OFFENSES REPORTED

Reporting Jurisdiction		Homicide	Rape	Robbery	Assault	Burglary	Larceny	Motor Vehicle Theft	Total per Jurisdiction
Barrington		0	0	2	5	40	193	11	251
Bristol	BRISTOL COUNTY	0	0	4	20	123	244	29	420
Warren		0	3	3	9	69	187	28	299
Coventry		1	1	3	65	256	410	35	771
East Greenwich		0	2	0	12	76	226	20	336
Warwick	KENT COUNTY	4	43	37	560	913	3,434	989	5,980
West Warwick		1	5	12	25	255	686	107	1,091
West Greenwich		0	1	0	3	44	66	8	122
Jamestown		0	1	0	1	16	41	1	60
Middletown		0	5	8	21	167	553	75	829
Newport	NEWPORT COUNTY	2	11	40	180	556	1,784	220	2,793
Portsmouth		0	0	3	2	75	94	18	192
Tiverton		0	0	7	5	127	250	39	428
Little Compton		0	0	0	0	20	51	2	73
Central Falls		3	0	20	24	226	167	116	556
Cranston		3	14	36	68	722	1,609	496	2,948
Cumberland		0	3	5	14	157	368	51	598
East Providence		0	1	22	30	334	950	195	1,532
Johnston		1	8	13	26	285	665	275	1,273
Lincoln		0	0	0	1	155	538	233	927
North Providence		1	4	11	60	234	484	265	1,059
Pawtucket	PROV. COUNTY	3	12	81	194	1,056	1,515	583	3,444
Providence		22	130	752	893	4,504	7,921	3,869	18,091
Scituate		2	0	2	12	51	106	14	187
Smithfield		0	0	2	1	99	92	43	237
Woonsocket		0	23	40	99	477	956	177	1,772
Foster		0	0	0	2	31	59	8	100
Glocester		0	1	0	3	44	81	8	137
North Smithfield		0	0	2	6	99	159	26	292
Burrillville		0	2	0	5	109	121	17	254
Narragansett		0	5	2	19	167	368	39	600
North Kingstown		0	6	4	31	249	554	45	889
South Kingstown		0	0	4	15	131	337	26	513
Westerly	WASH. COUNTY	1	0	8	9	203	486	39	746
Hopkinton		0	1	0	0	58	84	9	152
Charlestown		0	1	0	8	60	108	1	178
New Shoreham		0	0	0	7	19	127	20	173
State Police		3	16	7	41	136	215	50	468
DEM		0	0	0	26	8	130	10	174
URI		0	0	1	4	42	401	17	465
TOTALS		47	302	1,131	2,515	12,396	26,813	8,210	51,414

ROBBERY: SPECIFIC DATA – 1988

TYPE OF WEAPON	INCIDENTS	% TO TOTAL
Gun	212	19%
Knife	197	17%
Other Lethal Weapon	128	11%
Strong Armed	594	53%
TOTAL	**1,131**	**100%**

LOCATION	INCIDENTS	% TO TOTAL
Highway	644	57%
Commercial House	81	6%
Gas/Service Station	42	4%
Chain Store	101	9%
Residence	153	14%
Bank	12	1%
Miscellaneous	98	9%
TOTAL	**1,123**	**100%**

*BURGLARY: SPECIFIC DATA – 1988

TYPES OF BURGLARY

TYPE OF ENTRY	INCIDENTS	% TO TOTAL
Forcible	8,925	72%
Unlawful	1,363	11%
Attempted Forcible	2,108	17%
TOTAL	**12,396**	**100%**

LOCATION & TIME OF OFFENSES

RESIDENCE

TIME	INCIDENTS	% TO TOTAL
Night	3,099	25%
Day	3,967	32%
Unknown	1,859	15%

NON-RESIDENCE

TIME	INCIDENTS	% TO TOTAL
Night	2,727	22%
Day	250	2%
Unknown	494	4%

---

* *BREAKING & ENTERING (B & E)*

RHODE ISLAND'S CITIES & TOWNS
COMPARISON PROFILES
1987 vs. 1988
(LISTED BY COUNTY)

BRISTOL COUNTY

BARRINGTON (Pop. 16,174)*

			1987	vs.	1988	% Change
Homicide	-	No change	0		0	
Rape	-	No change	0		0	
Robbery	-	Increased by 1	1		2	
Assault	-	Decreased by 6	11		5	
Burglary	-	Decreased by 8	48		40	
Larceny	-	Decreased by 22	215		193	
Mot.Veh.Theft	-	Increased by 2	9		11	
			284		251	-11.7%

BRISTOL (Pop. 20,128)

Homicide	-	No change	0		0	
Rape	-	Decreased by 3	3		0	
Robbery	-	Increased by 1	3		4	
Assault	-	Decreased by 14	34		20	
Burglary	-	Decreased by 43	166		123	
Larceny	-	Increased by 21	223		244	
Mot.Veh.Theft	-	Increased by 11	18		29	
			447		420	-6.1%

WARREN (Pop. 10,640)

Homicide	-	No change	0		0	
Rape	-	No change	3		3	
Robbery	-	No change	3		3	
Assault	-	Decreased by 1	10		9	
Burglary	-	Increased by 9	60		69	
Larceny	-	Increased by 1	186		187	
Mot.Veh.Theft	-	Increased by 2	26		28	
			288		299	+3.9%

KENT COUNTY

COVENTRY (Pop. 27,065)

Homicide	-	Increased by 1	0		1	
Rape	-	No change	1		1	
Robbery	-	Decreased by 2	5		3	
Assault	-	Increased by 43	22		65	
Burglary	-	Increased by 4	252		256	
Larceny	-	Decreased by 178	588		410	
Mot. Veh.Theft	-	Decreased by 4	39		35	
			907		771	-15.0%

*All Cities & Towns: R.I. Final 1980 Population Count(s) - U. S. Bureau of Census

EAST GREENWICH (Pop. 10,211)			1987	vs.	1988	% Change
Homicide	-	No change	0		0	
Rape	-	No change	2		2	
Robbery	-	Decreased by 6	6		0	
Assault	-	Increased by 5	7		12	
Burglary	-	Decreased by 33	109		76	
Larceny	-	Increased by 65	161		226	
Mot.Veh.Theft	-	Increased by 7	13		20	
			298		336	+12.8%
WARWICK (Pop. 87,123)						
Homicide	-	Increased by 3	1		4	
Rape	-	Increased by 13	30		43	
Robbery	-	Increased by 13	24		37	
Assault	-	Increased by 207	353		560	
Burglary	-	Decreased by 38	951		913	
Larceny	-	Increased by 221	3,213		3,434	
Mot.Veh.Theft	-	Increased by 6	983		989	
			5,556		5,980	+7.7%
WEST GREENWICH (Pop. 2,738)						
Homicide	-	No change	0		0	
Rape	-	Increased by 1	0		1	
Robbery	-	No change	0		0	
Assault	-	Increased by 2	1		3	
Burglary	-	Decreased by 3	47		44	
Larceny	-	Increased by 9	57		66	
Mot.Veh.Theft	-	Decreased by 1	9		8	
			114		122	+7.1%
WEST WARWICK (Pop. 27,026)						
Homicide	-	No change	1		1	
Rape	-	Increased by 1	4		5	
Robbery	-	Increased by 2	10		12	
Assault	-	Decreased by 3	28		25	
Burglary	-	Decreased by 36	291		255	
Larceny	-	Increased by 38	648		686	
Mot.Veh.Theft	-	Decreased by 2	109		107	
			1,091		1,091	N.C.

NEWPORT COUNTY

JAMESTOWN (Pop.4,040)		1987	vs.	1988	% Change
Homicide	- No change	0		0	
Rape	- Increased by 1	0		1	
Robbery	- No change	0		0	
Assault	- Decreased by 1	2		1	
Burglary	- Decreased by 16	32		16	
Larceny	- Decreased by 9	50		41	
Mot.Veh.Theft	- Decreased by 1	2		1	
		86		60	-30.3%
LITTLE COMPTON (Pop. 3,085)					
Homicide	- No change	0		0	
Rape	- No change	0		0	
Robbery	- No change	0		0	
Assault	- Decreased by 1	1		2	
Burglary	- No change	20		20	
Larceny	- Increased by 1	50		51	
Mot.Veh.Theft	- Decreased by 3	5		2	
		76		73	-4.0%
MIDDLETOWN (Pop. 17,216)					
Homicide	- No change	0		0	
Rape	- Decreased by 3	8		5	
Robbery	- Increased by 2	6		8	
Assault	- Decreased by 15	36		21	
Burglary	- Increased by 26	141		167	
Larceny	- Increased by 50	503		553	
Mot.Veh.Theft	- Increased by 31	44		75	
		738		829	+12.4%
NEWPORT (Pop. 29,259)					
Homicide	- Increased by 1	1		2	
Rape	- Increased by 1	10		11	
Robbery	- Increased by 5	35		40	
Assault	- Increased by 129	51		180	
Burglary	- Increased by 99	457		556	
Larceny	- Increased by 229	1,555		1,784	
Mot.Veh.Theft	- Increased by 38	182		220	
		2,291		2,793	+22.0%
PORTSMOUTH (Pop. 14,257)					
Homicide	- No change	0		0	
Rape	- No change	0		0	
Robbery	- Increased by 3	0		3	
Assault	- Increased by 2	0		2	
Burglary	- Increased by 15	60		75	
Larceny	- Decreased by 40	134		94	
Mot.Veh.Theft	- Decreased by 8	26		18	
		220		192	-12.8%

TIVERTON (Pop. 13,526)		1987	vs.	1988	% Change
Homicide	- No change	0		0	
Rape	- No change	0		0	
Robbery	- Increased by 3	4		7	
Assault	- No change	5		5	
Burglary	- Decreased by 30	157		127	
Larceny	- Increased by 19	231		250	
Mot.Veh.Theft	- Increased by 4	35		39	
		432		428	-1.0%

PROVIDENCE COUNTY

BURRILLVILLE (Pop. 13,164)

Homicide	- No change	0	0	
Rape	- Increased by 2	0	2	
Robbery	- Decreased by 1	1	0	
Assault	- Decreased by 1	6	5	
Burglary	- Increased by 6	103	109	
Larceny	- Increased by 17	104	121	
Mot.Veh.Theft	- Decreased by 3	20	17	
		234	254	+8.6%

CENTRAL FALLS (Pop. 16,995)

Homicide	- Increased by 2	1	3	
Rape	- Decreased by 2	2	0	
Robbery	- Increased by 9	11	20	
Assault	- Decreased by 13	37	24	
Burglary	- Decreased by 43	269	226	
Larceny	- Decreased by 54	221	167	
Mot.Veh.Theft	- Increased by 12	104	116	
		645	556	-13.7%

CRANSTON (Pop. 71,992)

Homicide	- Decreased by 1	3	2	
Rape	- Decreased by 5	19	14	
Robbery	- Decreased by 14	50	36	
Assault	- Decreased by 69	137	68	
Burglary	- Decreased by 182	904	722	
Larceny	- Decreased by 113	1,722	1,609	
Mot.Veh.Theft	- Increased by 44	452	496	
		3,287	2,948	-10.4%

CUMBERLAND (Pop. 27,069)

Homicide	- No change	0	0	
Rape	- Increased by 3	0	3	
Robbery	- Increased by 3	2	5	
Assault	- Decreased by 6	20	14	
Burglary	- Decreased by 10	167	157	
Larceny	- Decreased by 151	519	368	
Mot.Veh.Theft	- Decreased by 25	76	51	
		784	598	-23.8%

NORTH PROVIDENCE (Pop. 29,188)		1987	vs.	1988	% Change
Homicide	- Decreased by 1	2		1	
Rape	- Decreased by 7	11		4	
Robbery	- Increased by 1	10		11	
Assault	- Increased by 15	45		60	
Burglary	- Decreased by 155	389		234	
Larceny	- Decreased by 139	623		484	
Mot.Veh.Theft	- Increased by 41	224		265	
		1,304		1,059	-18.8%
NORTH SMITHFIELD (Pop. 9,972)					
Homicide	- No change	0		0	
Rape	- No change	0		0	
Robbery	- Increased by 2	0		2	
Assault	- Decreased by 5	11		6	
Burglary	- Decreased by 17	116		99	
Larceny	- Increased by 14	145		159	
Mot.Veh.Theft	- Increased by 2	24		26	
		296		292	-1.4%
PAWTUCKET (Pop. 71,204)					
Homicide	- Increased by 2	1		3	
Rape	- Increased by 7	5		12	
Robbery	- Increased by 6	75		81	
Assault	- Increased by 11	183		194	
Burglary	- Increased by 89	967		1,056	
Larceny	- Decreased by 48	1,563		1,515	
Mot.Veh.Theft	- Increased by 83	500		583	
		3,294		3,444	+4.6%
PROVIDENCE (Pop. 156,804)					
Homicide	- Increased by 1	21		22	
Rape	- Increased by 32	98		130	
Robbery	- Increased by 17	735		752	
Assault	- Decreased by 8	901		893	
Burglary	- Increased by 995	5,499		4,504	
Larceny	- Increased by 188	8,109		7,921	
Mot.Veh.Theft	- Increased by 149	3,720		3,869	
		19,083		18,091	-5.3%

EAST PROVIDENCE (Pop. 50,980)		1987	vs.	1988	% Change
Homicide	- No change	0		0	
Rape	- Decreased by 1	2		1	
Robbery	- Increased by 1	21		22	
Assault	- Decreased by 8	38		30	
Burglary	- Decreased by 56	390		334	
Larceny	- Increased by 2	948		950	
Mot.Veh.Theft	- Increased by 3	192		195	
		1,591		1,532	-3.8%
FOSTER (Pop. 3,370)					
Homicide	- No change	0		0	
Rape	- No change	0		0	
Robbery	- Decreased by 2	2		0	
Assault	- No change	2		2	
Burglary	- Increased by 10	21		31	
Larceny	- Increased by 23	36		59	
Mot.Veh.Theft	- Increased by 5	3		8	
		64		100	+56.3%
GLOCESTER (Pop. 7,550)					
Homicide	- Decreased by 2	2		0	
Rape	- Increased by 1	0		1	
Robbery	- No change	0		0	
Assault	- Decreased by 6	9		3	
Burglary	- Decreased by 14	58		44	
Larceny	- Decreased by 10	91		81	
Mot.Veh.Theft	- Decreased by 1	9		8	
		169		137	-19.0%
JOHNSTON (Pop. 24,907)					
Homicide	- No change	1		1	
Rape	- Increased by 6	2		8	
Robbery	- Increased by 5	8		13	
Assault	- Decreased by 6	32		26	
Burglary	- Decreased by 128	413		285	
Larceny	- Decreased by 63	728		665	
Mot.Veh.Theft	- Increased by 45	230		275	
		1,414		1,273	-10.0%
LINCOLN (Pop. 16,949)					
Homicide	- No change	0		0	
Rape	- No change	0		0	
Robbery	- No change	0		0	
Assault	- No change	1		1	
Burglary	- Decreased by 11	166		155	
Larceny	- Decreased by 11	549		538	
Mot.Veh.Theft	- Increased by 4	229		233	
		945		927	-2.0%

SCITUATE (Pop. 8,405)		1987	vs.	1988	% Change
Homicide	- Increased by 1	1		2	
Rape	- No change	0		0	
Robbery	- Increased by 2	0		2	
Assault	- Increased by 4	8		12	
Burglary	- Decreased by 12	63		51	
Larceny	- Increased by 28	78		106	
Mot.Veh.Theft	- Increased by 5	9		14	
		159		187	+17.7%

SMITHFIELD (Pop. 16,886)					
Homicide	- No change	0		0	
Rape	- Decreased by 3	3		0	
Robbery	- Decreased by 4	6		2	
Assault	- Decreased by 9	10		1	
Burglary	- Increased by 3	96		99	
Larceny	- Decreased by 22	114		92	
Mot.Veh.Theft	- Decreased by 10	53		43	
		282		237	-16.0%

WOONSOCKET (Pop. 45,914)					
Homicide	- Decreased by 1	1		0	
Rape	- Increased by 8	15		23	
Robbery	- Increased by 12	28		40	
Assault	- Decreased by 1	100		99	
Burglary	- Decreased by 77	554		477	
Larceny	- Increased by 104	852		956	
Mot.Veh.Theft	- Decreased by 17	194		177	
		1,744		1,772	+1.7%

WASHINGTON COUNTY

CHARLESTOWN (Pop. 4,800)					
Homicide	- No change	0		0	
Rape	- Increased by 1	0		1	
Robbery	- No change	0		0	
Assault	- Increased by 7	1		8	
Burglary	- Increased by 29	31		60	
Larceny	- Increased by 62	46		108	
Mot.Veh.Theft	- No change	1		1	
		79		178	+125.4%

HOPKINTON (Pop. 6,406)		1987	vs.	1988	% Change
Homicide	No change	0		0	
Rape	Increased by 1	0		1	
Robbery	Decreased by 2	2		0	
Assault	Decreased by 2	2		0	
Burglary	Decreased by 33	91		58	
Larceny	Increased by 1	83		84	
Mot.Veh.Theft	Decreased by 1	10		9	
		188		152	-19.2%
NARRAGANSETT (Pop. 12,088)					
Homicide	No change	0		0	
Rape	Increased by 1	4		5	
Robbery	Increased by 1	1		2	
Assault	Increased by 12	7		19	
Burglary	Decreased by 42	209		167	
Larceny	Decreased by 19	387		368	
Mot.Veh.Theft	Increased by 7	32		39	
		640		600	-6.3%
NEW SHOREHAM (Pop. 620)					
Homicide	No change	0		0	
Rape	Decreased by 2	2		0	
Robbery	No change	0		0	
Assault	Increased by 7	0		7	
Burglary	Decreased by 1	20		19	
Larceny	Decreased by 29	156		127	
Mot.Veh.Theft	Increased by 6	14		20	
		192		173	-9.9%
NORTH KINGSTOWN (Pop. 21,938)					
Homicide	No change	0		0	
Rape	Increased by 4	2		6	
Robbery	No change	4		4	
Assault	Decreased by 15	46		31	
Burglary	Decreased by 28	277		249	
Larceny	Increased by 50	504		554	
Mot.Veh.Theft	No change	45		45	
		878		889	+1.3%

SOUTH KINGSTOWN (Pop. 20,414)		1987	vs.	1988	% Change
Homicide	- No change	0		0	
Rape	- Decreased by 1	1		0	
Robbery	- Increased by 2	2		4	
Assault	- Increased by 12	3		15	
Burglary	- Decreased by 40	171		131	
Larceny	- Decreased by 43	380		337	
Mot.Veh.Theft	- Decreased by 4	30		26	
		587		513	-12.7%

WESTERLY (Pop. 18,580)					
Homicide	- Increased by 1	0		1	
Rape	- Decreased by 1	1		0	
Robbery	- No change	8		8	
Assault	- Increased by 6	3		9	
Burglary	- Decreased by 1	204		203	
Larceny	- Increased by 38	448		486	
Mot.Veh.Theft	- Decreased by4	43		39	
		707		746	+5.6%

STATEWIDE

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

Homicide	- No change	0		0	
Rape	- Decreased by 1	1		0	
Robbery	- No change	0		0	
Assault	- Increased by 21	5		26	
Burglary	- Decreased by 4	12		8	
Larceny	- Decreased by 37	167		130	
Mot.Veh.Theft	- Increased by 8	2		10	
		187		174	-7.0%

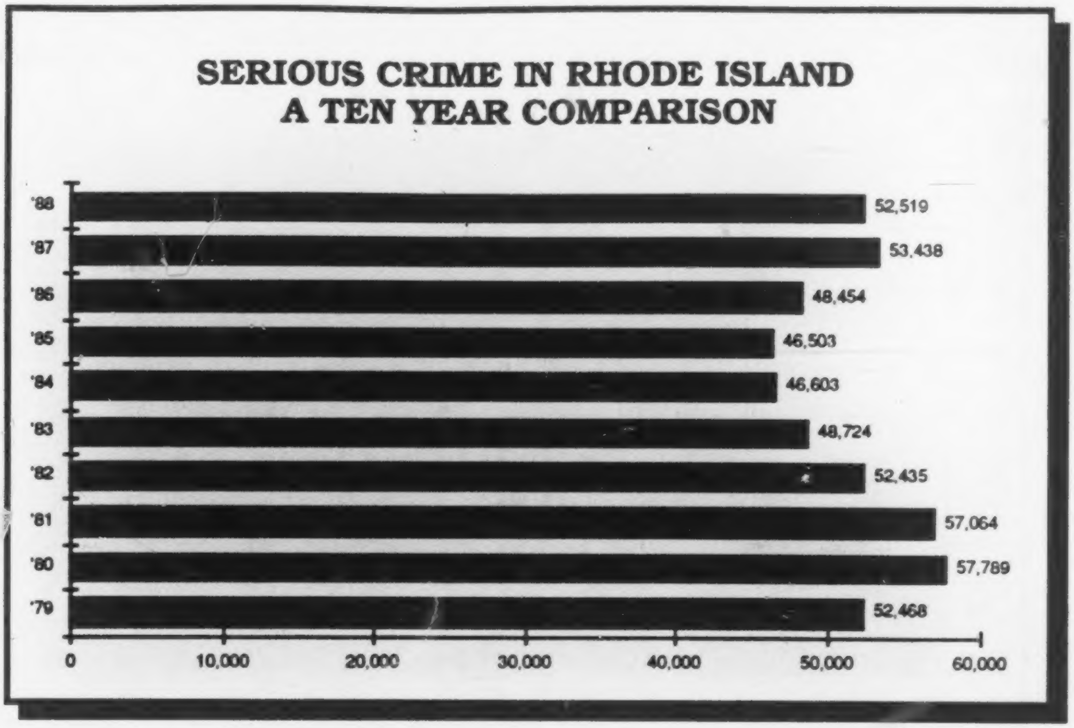
STATE POLICE

Homicide	- Increased by 2	1		3	
Rape	- Decreased by 2	18		16	
Robbery	- Increased by 4	3		7	
Assault	- Decreased by 3	44		41	
Burglary	- Decreased by 29	165		136	
Larceny	- Decreased by 56	271		215	
Mot.Veh.Theft	- Decreased by 25	75		50	
		577		468	-18.9%

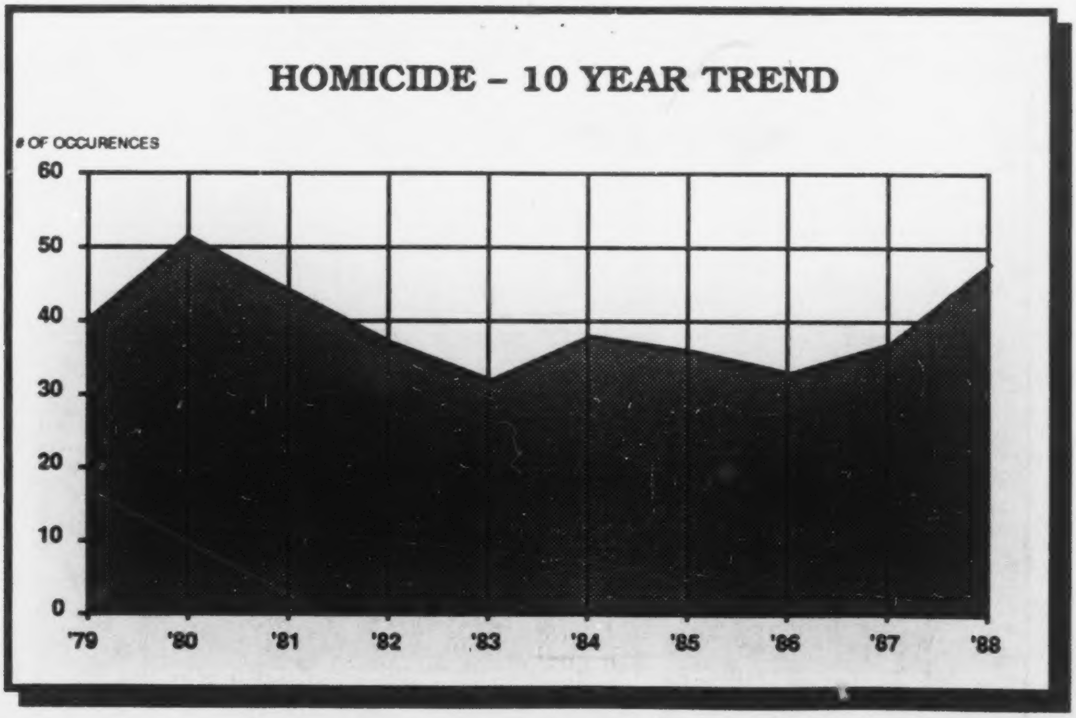
UNIVERSITY OF RHODE ISLAND		1987	vs.	1988	% Change
Homicide	- No change	0		0	
Rape	- No change	0		0	
Robbery	- Increased by 1	0		1	
Assault	- Increased by 4	0		4	
Burglary	- Increased by 9	33		42	
Larceny	- Increased by 215	186		401	
Mot.Veh.Theft	- Increased by 12	5		17	
		224		465	+107.6%

SECTION II

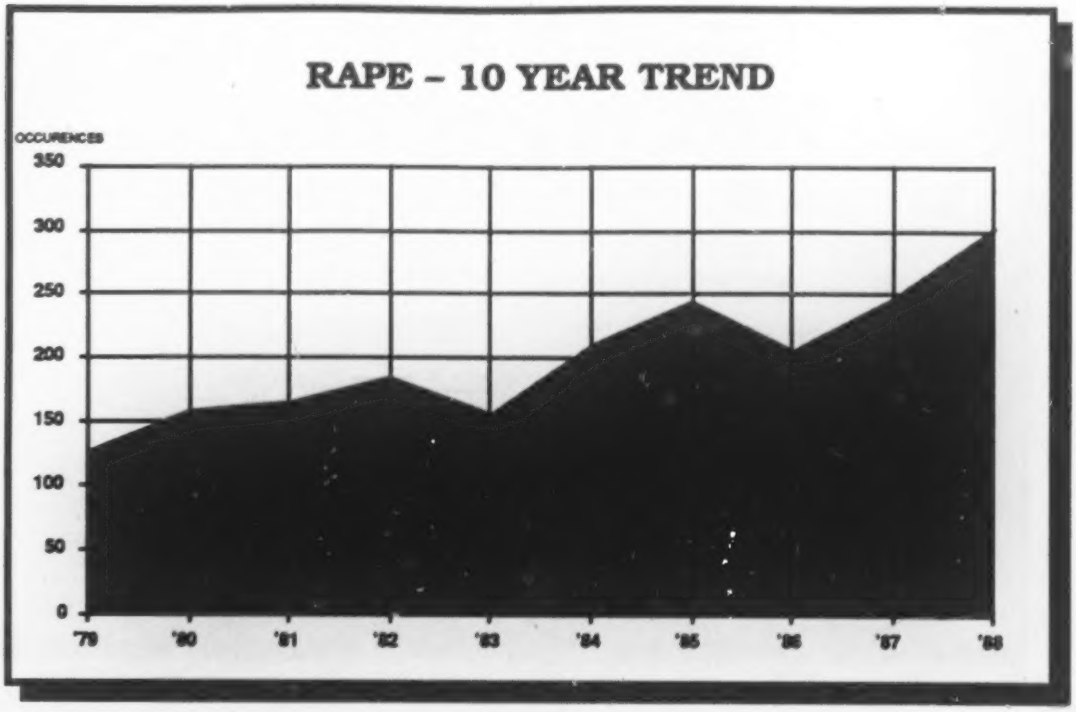
CRIME TRENDS



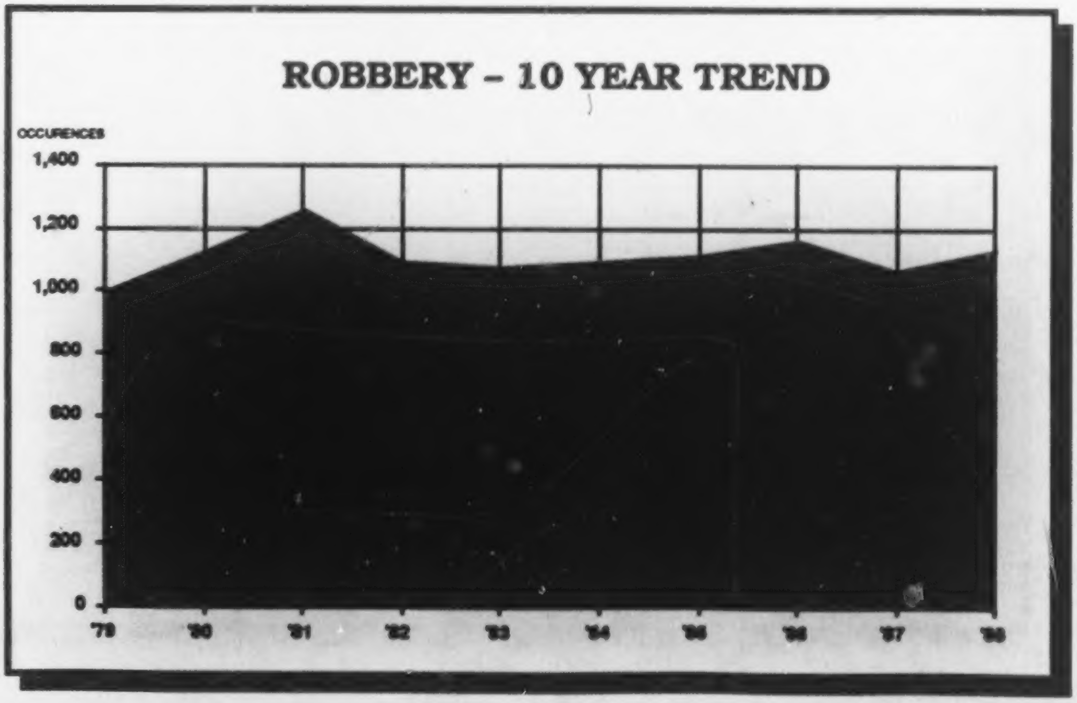
SERIOUS CRIME IN RHODE ISLAND
A TEN YEAR COMPARISON



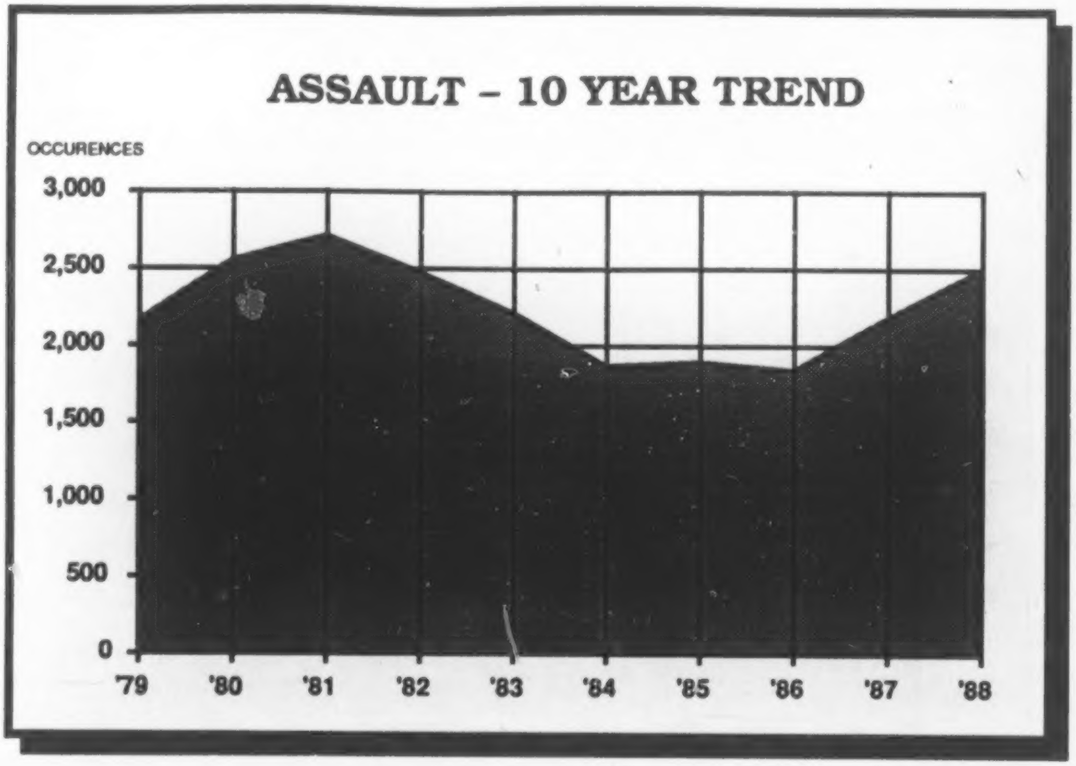
HOMICIDE – 10 YEAR TREND

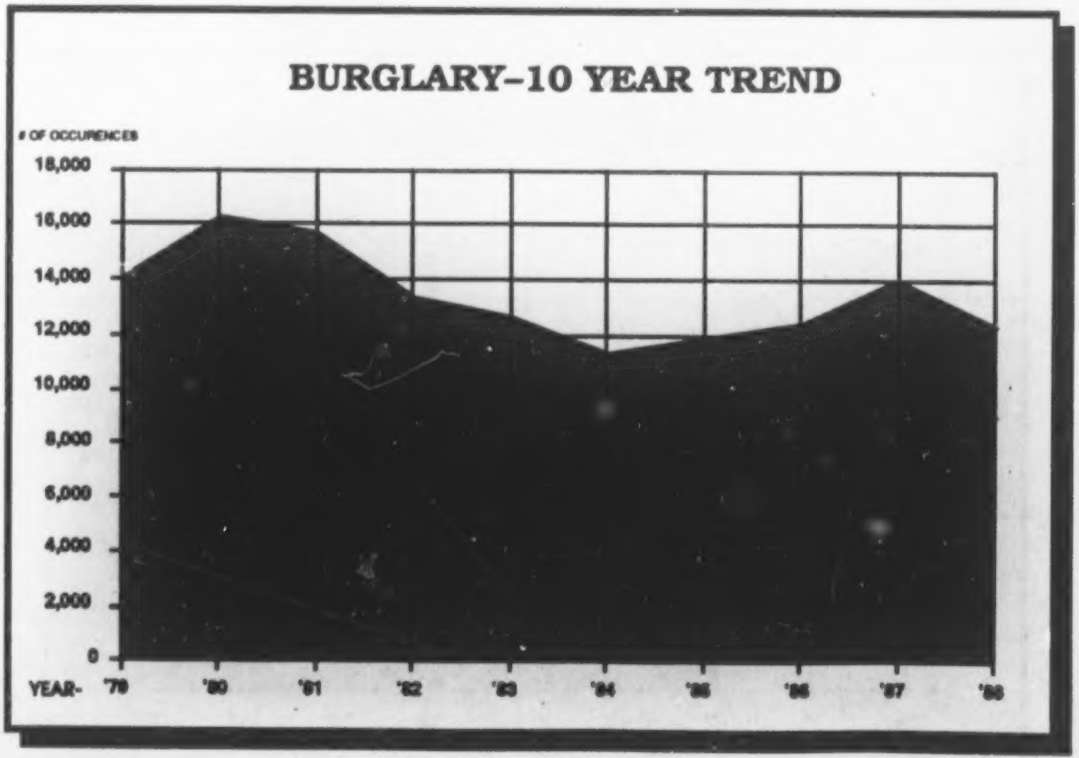


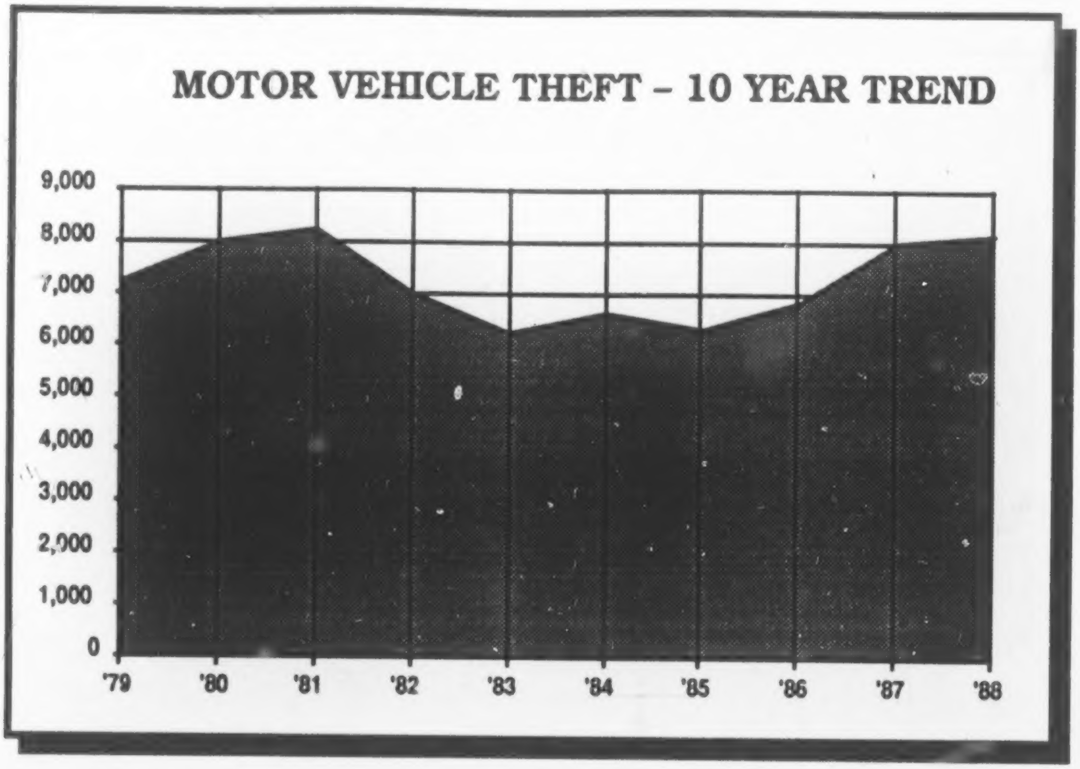
RAPE – 10 YEAR TREND



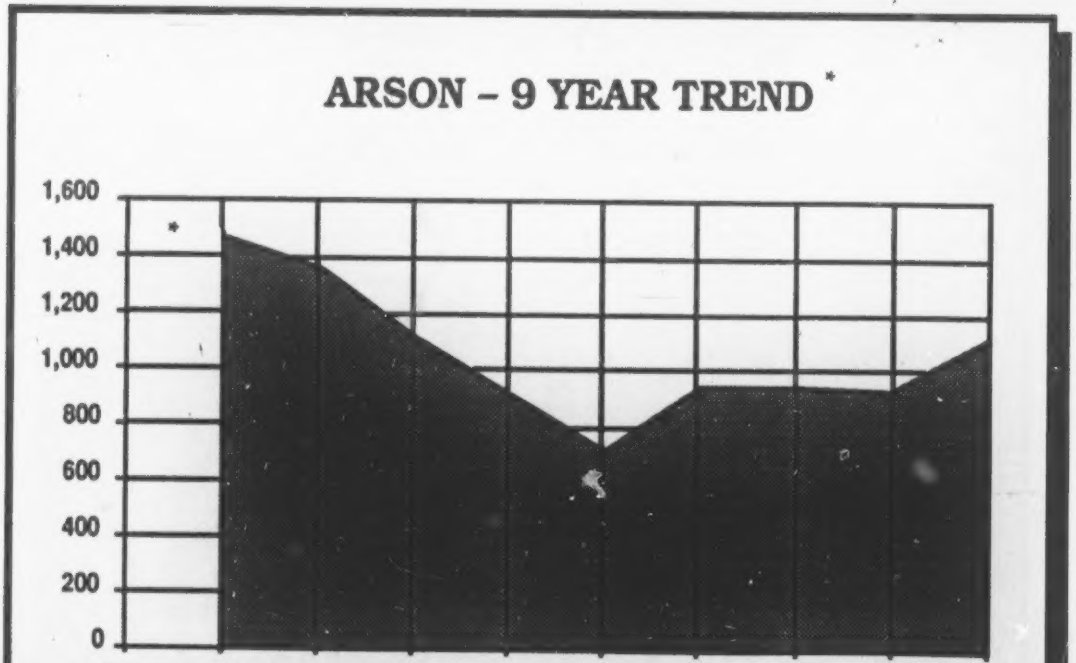
ROBBERY – 10 YEAR TREND


ASSAULT - 10 YEAR TREND
OCCURENCES
3,000
2,500
2,000
1,500
1,000
500
0
'79
'80
'81
'82
'83
'84
'85
'86
'87
'88


BURGLARY–10 YEAR TREND
# OF OCCURENCES
18,000
16,000
14,000
12,000
10,000
8,000
6,000
4,000
2,000
0
YEAR-
'79
'80
'81
'82
'83
'84
'85
'86
'87
'88



MOTOR VEHICLE THEFT – 10 YEAR TREND



ARSON – 9 YEAR TREND *

* *ARSON WAS A PART II CRIME AT THIS TIME*

SECTION III

CRIME RATES

CITIES/TOWNS: 1988 CRIME RATES

TOTAL SERIOUS CRIME RATES– RHODE ISLAND MUNICIPALITIES

PER 100,000 POPULATION*

RANK					
'88	'87	COMMUNITY	POPULATION	1988 CRIME OFFENSES	1988 CRIME RATE *
1	1	1/New Shoreham	620	173	27,904
2	2	Providence	156,804	18,091	11,538
3	3	Newport	29,259	2,793	9,546
4	5	Warwick	87,123	5,555	6,864
5	6	Lincoln	16,949	927	5,470
6	5	Johnston	24,907	1,273	5,112
7	7	Narraganset	12,088	600	4,964
8	8	Pawtucket	71,204	3,444	4,837
9	11	Middletown	17,216	829	4,816
10	12	West Greenwich	2,738	122	4,456
11	10	Cranston	71,992	2,948	4,095
12	14	North Kingstown	21,938	889	4,053
13	16	Westerly	18,580	746	4,016
14	15	Woonsocket	45,194	1,772	3,921
15	13	West Warwick	27,026	1,091	3,919
16	36	Charlestown	4,800	178	3,709
17	9	North Providence	29,188	1,059	3,629
18	23	East Greenwich	10,211	336	3,291
19	17	Central Falls	16,995	557	3,278
20	19	Tiverton	13,526	428	3,165
21	20	East Providence	50,980	1,532	3,006
22	31	Foster	3,370	100	2,968
23	21	North Smithfield	9,972	292	2,929
24	18	Coventry	27,065	771	2,849
25	26	Warren	10,640	299	2,911
26	24	South Kingstown	20,414	513	2,513
27	22	Hopkinton	6,406	152	2,373
28	27	Little Compton	3,085	73	2,367
29	32	Scituate	8,405	187	2,225
30	25	Cumberland	27,069	598	2,210
31	29	Bristol	20,128	420	2,087
32	33	Burrillville	13,164	254	1,930
33	28	Glocester	7,550	137	1,815
34	34	Barrington	16,174	251	1,552
35	30	Jamestown	4,040	60	1,486
36	35	Smithfield	16,886	237	1,552
37	37	Portsmouth	14,259	192	1,347

1/ New Shoreham's (Block Island) extraordinarily high serious crime rate—more than several times the rate of any other community—was primarily due to its very small year-round population which, in mathematical terms, can translate a relatively small number of crimes into a misleading high rate. In addition, it is a fact that many of New Shoreham's crimes are committed in the summer when its "unofficial" population is swollen by tourists and summer residents.

HOMICIDE RATES

PER 100,000 POPULATION

1988 Rank	1987 Rank	City/Town	# of Offenses	Rate
1	5	Central Falls	4	23.6
2	-	Scituate	2	23.8
3	2	Providence	22	14.1
4	9	Newport	2	6.9
5	-	Westerly	1	5.4
6	12	Warwick	4	4.6
7	11	Pawtucket	3	4.3
8	6	Cranston	3	4.2
9	7	Johnston	1	4.1
10	8	West Warwick	1	3.8
11	-	Coventry	1	3.7
12	4	North Providence	1	3.5
		Total	**45**	**4.8**

RAPE RATES

PER 100,000 POPULATION

1988 Rank	1987 Rank	City/Town	# of Offenses	Rate
1	2	Providence	130	83.0
2	7	Providence	23	50.9
3	5	Warwick	43	49.4
4	8	Narragansett	5	42.0
5	6	Newport	11	37.6
6	-	West Greenwich	1	36.6
7	17	Johnston	8	32.2
8	3	Middletown	5	29.1
9	9	Warren	3	28.2
10	16	North Kingstown	6	28.0
11	-	Jamestown	1	24.8
12	-	Charlestown	1	21.0
13	11	East Greenwich	2	19.6
14	10	Cranston	14	19.5
15	14	West Warwick	5	18.6
16	18	Pawtucket	12	16.9
17	-	Hopkinton	1	16.0
18	-	Burrillville	2	15.2
19	4	North Providence	4	13.8
20	-	Cumberland	3	11.1
21	22	Coventry	1	3.7
22	21	East Providence	1	2.0
23	-	Glocester	1	1.4
		Total	**283**	**29.9**

ROBBERY RATES

PER 100,000 POPULATION

1988 Rates	1987 Rates	City/Town	# of Offenses	Rate
1	1	Providence	752	480.0
2	2	Newport	40	136.8
3	5	Central Falls	20	117.7
4	3	Pawtucket	81	113.8
5	6	Woonsocket	40	88.6
6	17	Tiverton	7	52.9
7	-	Johnston	13	52.2
8	4	Cranston	36	50.1
9	13	Middletown	8	46.5
10	11	West Warwick	12	44.5
11	10	East Providence	22	43.2
12	9	Westerly	8	43.1
13	19	Warwick	37	42.5
14	14	North Providence	11	37.7
15	18	Warren	3	28.2
16	-	Scituate	2	23.8
17	-	Portsmouth	3	21.1
18	-	North Smithfield	2	20.0
19	22	Bristol	4	19.9
20	23	South Kingstown	4	19.6
21	26	Cumberland	5	18.5
22	21	North Kingstown	4	18.3
23	24	Narragansett	2	16.6
24	27	Barrington	2	13.0
25	12	Smithfield	2	11.9
26	20	Coventry	3	11.1
		Total	**1,123**	**118.6**

ASSAULT RATES

PER 100,000 POPULATION

1987 Rank	1986 Rank	City/Town	Crime Volume	Crime Rate
1	1	Providence	901	574.6
2	8	Warwick	353	405.2
3	2	Pawtucket	183	257.0
4	4	Woonsocket	100	221.3
5	3	Central Falls	37	217.7
6	12	North Kingstown	46	209.7
7	18	Middletown	33	209.1
8	-	Glocester	9	197.8
9	11	Cranston	137	190.3
10	5	Newport	51	174.3
11	15	Bristol	34	168.9
12	13	North Providence	45	154.2
13	9	Johnston	32	128.5
14	6	West Warwick	28	127.1
15	7	North Smithfield	11	110.3
16	30	Scituate	8	95.2
17	24	Warren	10	94.0
18	21	Coventry	22	81.3
19	14	East Providence	38	74.5
20	28	Cumberland	20	73.9
21	22	Barrington	11	68.0
22	-	Foster	2	59.3
23	16	Smithfield	10	59.2
24	10	Narragansett	7	57.9
25	26	Jamestown	2	49.5
26	17	Burrillville	6	45.6
27	23	Tiverton	5	37.0
28	20	West Greenwich	1	36.5
29	19	East Greenwich	7	34.6
30	-	Little Compton	1	32.4
31	29	Hopkinton	2	31.2
32	-	Charlestown	1	20.8
33	25	Westerly	3	16.1
34	27	South Kingstown	3	14.7
35	31	Lincoln	1	5.9
		Total	**2,212**	**233.5**

BURGLARY RATES

PER 100,000 POPULATION

1987 Rank	1986 Rank	City/Town	Crime Volume	Crime Rate
1	1	Providence	5,499	3,506.9
2	2	New Shoreham	20	3,225.8
3	4	Narragansett	209	1,729.0
4	5	West Greenwich	47	1,716.6
5	3	Johnston	413	1,658.2
6	8	Central Falls	269	1,582.8
7	7	Newport	457	1,561.9
8	27	Hopkinton	91	1,420.5
9	6	Pawtucket	967	1,358.1
10	15	North Providence	389	1,332.7
11	4	Narragansett	277	1,262.6
12	16	Woonsocket	554	1,225.8
13	24	North Smithfield	116	1,163.3
14	11	Tiverton	157	1,160.7
15	12	Cranston	904	1,155.7
16	25	Westerly	204	1,098.0
17	14	Warwick	951	1,091.2
18	23	West Warwick	291	1,076.7
19	28	East Greenwich	109	1,067.5
20	35	Burrillville	103	1,032.9
21	20	Lincoln	166	979.4
22	26	Coventry	252	932.8
23	33	South Kingstown	171	837.7
24	29	Bristol	166	824.7
25	17	Middletown	141	819.0
26	31	Jamestown	32	792.1
27	9	Glocester	58	768.2
28	22	East Providence	390	765.0
29	21	Scituate	63	749.6
30	10	Little Compton	20	648.3
31	19	Charlestown	31	645.8
32	18	Foster	21	623.1
33	36	Cumberland	167	616.9
34	32	Smithfield	96	568.5
35	34	Warren	60	563.9
36	30	Portsmouth	60	420.8
		Total	**14,078**	**1,486.3**

LARCENY RATES

PER 100,000 POPULATION

1988 RANK	1987 RANK	CITY/TOWN	CRIME VOLUME	CRIME RATE
1	1	New Shoreham	127	20,483.9
2	2	Newport	1,724	6,097.3
3	3	Providence	7,921	5,051.6
4	4	Warwick	3,434	3,941.6
5	8	Middletown	553	3,212.2
6	5	Lincoln	538	3,174.3
7	6	Narragansett	368	3,044.4
8	7	Johnston	665	2,670.0
9	10	Westerly	486	2.615.8
10	12	West Warwick	686	2,538.3
11	11	North Kingstown	554	2,525.3
12	9	West Greenwich	66	2,410.6
13	33	Charlestown	108	2,250.0
14	13	Cranston	1,609	2,235.0
15	25	East Greenwich	226	2,213.3
16	14	Pawtucket	1,515	2,127.7
17	19	Woonsocket	956	2,115.4
18	21	East Providence	950	1,863.5
19	23	Tiverton	250	1,848.3
20	21	Warren	187	1,757.6
21	32	Foster	59	1,750.8
22	17	North Providence	484	1,658.3
23	24	Little Compton	51	1,653.2
24	20	South Kingstown	337	1,650.9
25	26	North Smithfield	159	1,594.5
26	15	Coventry	410	1,514.9
27	18	Cumberland	368	1,359.5
28	29	Hopkinton	84	1,311.3
29	35	Scituate	106	1,261.2
30	16	Bristol	244	1,212.3
31	27	Barrington	193	1,193.3
32	31	Glocester	81	1,072.9
33	30	Jamestown	41	1,014.9
34	28	Central Falls	167	982.7
35	36	Burrillville	121	919.2
36	34	Portsmouth	94	659.3
37	37	Smithfield	92	544.9
		Total	**26,067**	**2,751.2**

MOTOR VEHICLE THEFT RATES

PER 100,000 POPULATION

1988 RANK	1987 RANK	CITY/TOWN	CRIME VOLUME	CRIME RATE
1	2	New Shoreham	20	3,225.9
2	1	Providence	3,869	2,467.5
3	3	Lincoln	233	1,374.8
4	4	Warwick	989	1,135.2
5	5	Johnston	275	1,104.2
6	6	North Providence	265	908.0
7	7	Pawtucket	583	818.8
8	9	Newport	220	752.0
9	8	Cranston	496	689.0
10	10	Central Falls	116	682.6
11	19	Middletown	75	435.7
12	12	West Warwick	107	396.0
13	11	Woonsocket	177	391.7
14	13	East Providence	195	382.6
15	17	Narragansett	39	322.7
16	14	West Greenwich	298	292.2
17	18	Tiverton	39	288.4
18	20	Warren	28	263.2
1	21	North Smithfield	26	260.8
20	15	Smithfield	43	254.7
21	32	Foster	8	237.4
22	22	Westerly	39	210.0
23	23	North Kingstown	45	205.2
24	29	East Greenwich	20	195.9
25	16	Cumberland	51	188.5
26	31	Scituate	14	166.6
27	33	Bristol	29	144.1
28	26	Hopkinton	9	140.5
29	-	Coventry	35	129.4
30	27	Burrillville	17	129.2
31	28	South Kingstown	26	127.4
32	24	Portsmouth	18	126.3
33	30	Glocester	8	106.0
34	34	Barrington	11	68.1
35	25	Little Compton	2	64.9
36	35	Jamestown	1	24.8
37	36	Charlestown	1	20.9
		Total	**8,133**	**858.4**

SECTION IV

ARSON DATA

REPORTED ARSON INCIDENTS*

1987 vs. 1988

–TOTAL REPORTED–

TYPE	1987	1988	CHANGE
Suspicious	499	574	+75
Incendiary	424	530	+106
TOTALS	**923**	**1,104**	**+181**

SUMMARY: *IN 1988, THERE WERE 181 MORE ARSON INCIDENTS REPORTED IN RHODE ISLAND THAN IN 1987 – A 19.6% INCREASE. INCENDIARY, THE MOST SERIOUS TYPE OF ARSON, DECREASED BY 25%.*

---

* The word "incident(s)" is interchangeable with the word "offense(s)"

CASUALTIES CAUSED BY ARSON

1987 AND 1988

CATEGORY	1987	1988	# CHANGE IN 1988
INJURIES TO:			
Firefighters	92	84	-8
Civilians	66	59	-7
TOTALS	**158**	**143**	**-15**
DEATHS OF:			
Firefighters	-0-	-0-	N/C
Civilians	-0-	-0-	N/C
TOTALS	**-0-**	**-0-**	**N/C**

SUMMARY: *DURING 1988, INJURIES DECREASED BY 9.5% AND NO DEATHS OCCURRED AS A RESULT OF ARSON.*

ESTIMATED DOLLAR LOSSES
CAUSED BY ARSON: 1987 & 1988

TYPE OF PROPERTY	1987 ESTIMATED $ LOSS	1987 AVGERAGE COST/LOSS*	1988 ESTIMATED $ LOSS	1988 AVGERAGE COST/LOSS*
Structures	$11,536,385	$25,635	$9,401,575	$17,156
Vehicle	1,167,115	2,593	1,616,600	2,908
TOTALS	**$12,703,500**	**$13,763**	**$11,018,175**	**$10,027**

SUMMARY: *THERE WAS A $1,685,325 DECREASE IN LOSSES– 3.3%– DURING1988 BUT THE AVERAGE COST PER ARSON INCIDENT INCREASED BY $533.*

*Average cost of any arson incident considered serious

RHODE ISLAND'SLARGER ARSON LOSSES OCCURRING DURING 1988

CITY/TOWN	DATE	TYPE OF OCCUPANCY	ESTIMATED LOSS
Coventry	3/23/88	Mill	$1,500,000
East Greenwich	1/20/88	Manufacturing	1,000,000
Johnston	3/19/88	Manufacturing	500,000
North Kingstown	8/18/88	Commercial	500,000
Pawtucket	6/02/88	Commercial	300,000
Pawtucket	1/29/88	Commercial	200,000
North Providence	5/09/88	Commercial	200,000
Narragansett	5/20/88	Residence	150,000
Cumberland	10/30/88	Restaurant	150,000
Pawtucket	12/22/88	Commercial	150,000
Burrillville	7/12/88	Residence	100,000
Cranston	12/22/88	Farm	100,000
Richmond	8/20/88	Residence	90,000
Pawtucket	8/08/88	Residence	80,000
Cumberland	10/30/88	Commercial	80,000
Woonsocket	9/01/88	Residence	75,000
Lincoln	10/03/88	Commercial	60,000
Cranston	10/31/88	Commercial	60,000
Smithfield	5/16/88	Residence	50,000
North Kingstown	7/04/88	Storage	50,000

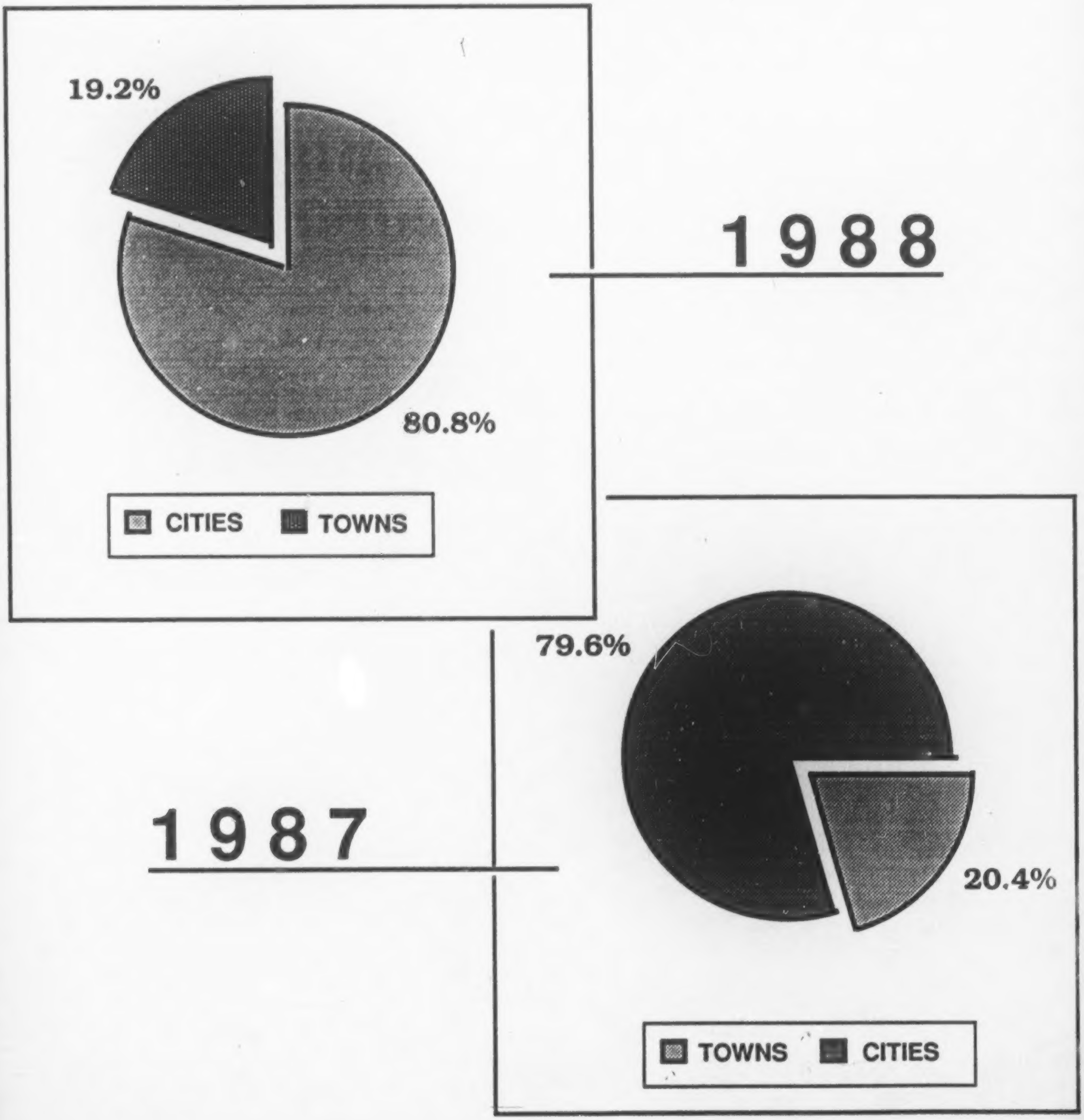
RANK ORDER OF TOP TEN CITIES/TOWNS
BY TOTAL # OF REPORTED ARSON INCIDENTS
1987 vs. 1988

CITY/TOWN	1987 REPORTED INCIDENTS	CITY/TOWN	1988 REPORTED INCIDENTS
Providence	373	Providence	450
Warwick	68	Pawtucket	94
Cranston	54	Cranston	72
Pawtucket	49	Warwick	70
Johnston	41	Johnston	45
Central Falls	33	Cumberland	35
East Providence	33	Central Falls	34
Woonsocket	33	Newport	33
Newport	31	North Providence	31
West Warwick	26	Woonsocket	27

RANK ORDER OF TOP TEN CITIES/TOWNS
BY TOTAL DOLLAR (ESTIMATED) LOSSES
1987 vs. 1988

CITY/TOWN	1987 ESTIMATED ARSON LOSSES	CITY/TOWN	1988 ESTIMATED ARSON LOSSES
Providence	$5,371,250	Providence	$2,469,790
West Warwick	1,025,000	Coventry	1,530,000
Cranston	876,070	North Kingstown	1,106,500
Warwick	759,800	Pawtucket	1,007,150
Woonsocket	672,500	East Greenwich	1,002,500
Johnston	612,950	Johnston	758,350
North Kingstown	554,350	Cranston	344,830
Westerly	519,800	Cumberland	328,600
Barrington	290,100	Woonsocket	242,200
Pawtucket	242,905	Lincoln	208,600

DISTRIBUTION OF ARSON INCIDENTS REPORTED IN RHODE ISLAND



ARSON

Number of Incidents Reported by Cities & Towns

-1988-

CITY/TOWN	SUSPICIOUS	INCENDIARY	TOTALS	BREAKDOWN OF: STRUCTURE	VEHICLES
Barrington	2	1	3	2	1
Bristol	4	1	5	2	3
Burrillville	5	4	9	4	5
Central Falls	11	23	34	19	15
Charlestown	6	3	9	7	2
Coventry	8	11	19	8	11
Cranston	40	32	72	34	38
Cumberland	14	21	35	13	22
East Greenwich	4	1	5	5	0
East Providence	13	13	26	15	11
Exeter	5	2	7	1	6
Foster	2	3	5	3	2
Glocester	4	1	5	5	0
Hopkinton	3	2	5	4	1
Jamestown	0	1	1	1	0
Johnston	24	21	45	10	35
Lincoln	15	6	21	13	8
Little Compton	2	0	2	2	0
Middletown	2	1	3	3	0
Narragansett	4	6	10	3	7
Newport	20	13	33	22	11
New Shoreham	0	1	1	1	0
North Kingstown	7	2	9	9	0
North Providence	21	10	31	16	15
North Smithfield	0	3	3	2	1
Pawtucket	51	33	84	50	34
Portsmouth	5	0	5	3	2
Providence	212	238	450	213	237
Richmond	11	12	13	13	0
Scituate	2	5	7	4	3
Smithfield	12	2	14	3	11
South Kingstown	1	0	1	1	0
Tiverton	5	2	7	1	6
Warren	2	0	2	2	0
Warwick	33	37	70	25	45
Westerly	6	2	8	5	3
West Greenwich	0	0	0	0	0
West Warwick	8	10	18	11	7
Woonsocket	20	7	27	16	11
Totals	**574**	**530**	**1,104**	**548**	**556**

ARSON

RHODE ISLAND'S CITIES & TOWNS*
COMPARISON PROFILES: 1987 VS. 1988

		Actual Offenses				Total %**
		1987	vs.	1988		Increase/(Decrease)
BARRINGTON						
Suspicious	- Decreased by 1	5		2		
Incendiary	- Decreased by 1	4		1		
		9		**3**	**-6**	**(66.7%)**
BRISTOL						
Suspicious	- Increased by 2	2		4		
Incendiary	- Decreased by 3	4		1		
		6		**5**	**-1**	**(16.7%)**
BURRILLVILLE						
Suspicous	- Increased by 1	4		5		
Incendiary	- Decreased by 2	2		4		
		6		**6**	**+3**	**50.0%**
CENTRAL FALLS						
Suspicious	- Decreased by 11	22		11		
Incendiary	- Increased by 12	11		23		
		33		**34**	**+1**	**3.0%**
CHARLESTOWN						
Suspicious	- Increased by 6	0		6		
Incendiary	- Increased by 1	2		3		
		2		**9**	**+7**	**350.%**
COVENTRY						
Suspicious	- Increased by 1	6		8		
Incendiary	- Increased by 6	5		11		
		11		**19**	**+8**	**72.7%**
CRANSTON						
Suspicious	- Increased by 7	33		40		
Incendiary	- Increased by 11	21		32		
		54		**72**	**+18**	**31.5%**

LISTED BY ALPHABETICAL ORDER, NOT BY COUNTY
***All percentages rounded*

RHODE ISLAND'S CITIES & TOWNS Arson Comparison Profiles: '87 & '88		Actual Offenses 1987	vs. 1988		Total %** Increase/(Decrease)
CUMBERLAND					
Suspicious	- Increased by 7	7	14		
Incendiary	- Increased by 5	16	21		
		23	**35**	**+12**	**52.1%**
EAST GREENWICH					
Suspicious	- Increased by 2	2	4		
Incendiary	- Increased by 1	0	1		
		2	**5**	**+3**	**150.0%**
EAST PROVIDENCE					
Suspicous	- Decrease by 3	16	13		
Incendiary	- Decrease by 4	17	13		
		33	**26**	**-7**	**(21.2%)**
EXETER					
Suspicious	- Increased by 3	2	5		
Incendiary	- Increased by 1	1	2		
		3	**7**	**+4**	**130.0%**
FOSTER					
Suspicious	- Decreased by 1	3	2		
Incendiary	- Increased by 1	2	3		
		5	**5**	**N/C**	**No Change**
GLOCESTER					
Suspicious	- Increased by 1	3	4		
Incendiary	- Decreased by 1	2	1		
		5	**5**	**N/C**	**No Change**
HOPKINTON					
Suspicious	- Decreased by 3	5	2		
Incendiary	- No Change	2	2		
		7	**4**	**-2**	**(28.5%)**
JAMESTOWN					
Suspicious	- Decreased by 2	2	0		
Incendiary	- Increased by 1	0	1		
		2	**1**	**+1**	**(50.0%)**
JOHNSTON					
Suspicious	- Increased by 10	14	24		
Incendiary	- Decreased by 6	27	21		
		41	**45**	**+4**	**9.7%**
LINCOLN					
Suspicious	- Increased by 12	3	15		
Incendiary	- Increased by 1	5	6		
		8	**21**	**+13**	**162.5%**
LITTLE COMPTON					
Suspicous	- Increased by 2	0	2		
Incendiary	- Decreased by 2	2	0		
		2	**2**	**N/C**	**No Change**

RHODE ISLAND'S CITIES & TOWNS Arson Comparison Profiles: '87 & '88		Actual Offenses		Total %**	
		1987 vs.	1988		Increase/(Decrease)
MIDDLETOWN					
Suspicious	- Increased by 1	1	2		
Incendiary	- Increased by 1	0	1		
		1	**3**	**+2**	**200.0%**
NARRAGANSETT					
Suspicious	- Increased by 3	1	4		
Incendiary	- Increased by 5	1	6		
		2	**10**	**+8**	**400.0%**
NEWPORT					
Suspicious	- Increased by 2	18	20		
Incendiary	- No Change	13	13		
		31	**33**	**+2**	**6.4%**
NEW SHOREHAM					
Suspicious	- No Change	0	0		
Incendiary	- Increased by 1	0	1		
		0	**1**	**+1**	**100.0%**
NORTH KINGSTOWN					
Suspicious	- Increased by 6	1	7		
Incendiary	- Decreased by 3	5	2		
		6	**9**	**+3**	**50.0%**
NORTH PROVIDENCE					
Suspicious	- Increased by 7	14	21		
Incendiary	- No Change	10	10		
		24	**31**	**+7**	**29.1%**
NORTH SMITHFIELD					
Suspicious	- Decreased by 3	3	0		
Incendiary	- Increased by 2	1	3		
		4	**3**	**-1**	**(25.0%)**
PAWTUCKET					
Suspicous	- Increased by 7	44	51		
Incendiary	- Increased by 28	5	33		
		49	**84**	**+35**	**71.4%**
PORTSMOUTH					
Suspicious	- Increased by 1	4	5		
Incendiary	- Decreased by 3	3	0		
		7	**5**	**-2**	**(28.5%)**
PROVIDENCE					
Suspicious	- Increased by 46	166	212		
Incendiary	- Increased by 31	207	238		
		373	**450**	**+77**	**20.6%**
RICHMOND					
Suspicious	- Decreased by 2	3	1		
Incendiary	- Increased by 9	3	12		
		6	**13**	**+7**	**117.0%**

RHODE ISLAND'S CITIES & TOWNS Arson Comparison Profiles: '87 & '88		Actual Offenses		Total %**	
		1987 vs.	1988		Increase/(Decrease)
SCITUATE					
Suspicious	- Decreased by 4	6	2		
Incendiary	- Increased by 3	2	5		
		8	**7**	**-1**	**(12.5%)**
SMITHFIELD					
Suspicious	- Increased by 1	11	12		
Incendiary	- No Change	2	2		
		13	**14**	**+1**	**7.6%**
SOUTH KINGSTOWN					
Suspicious	- Decreased by 3	4	1		
Incendiary	- No Change	0	0		
		4	**1**	**-3**	**(75.0%)**
TIVERTON					
Suspicious	- No Change	5	5		
Incendiary	- Decreased by 1	1	0		
		6	**5**	**-1**	**(16.7%)**
WARREN					
Suspicous	- Increased by 1	1	2		
Incendiary	- Decreased by 1	1	0		
		2	2	**N/C**	**No Change**
WARWICK					
Suspicious	- Decreased by 10	43	33		
Incendiary	- Increased by 12	25	37		
		68	**72**	**+4**	**2.9%**
WESTERLY					
Suspicious	- Increased by 1	5	6		
Incendiary	- Increased by 1	1	2		
		6	**8**	**+2**	**33.3%**
WEST GREENWICH					
Suspicious	- No Change	0	0		
Incendiary	- Decreased by 2	2	0		
		2	**0**	**-2**	**(100.0%)**
WEST WARWICK					
Suspicious	- Decreased by 9	17	8		
Incendiary	- Increased by 1	9	10		
		26	**18**	**-8**	**(30.8%)**
WOONSOCKET					
Suspicious	- Decreased by 6	15	20		
Incendiary	- Increased by 11	18	7		
		33	**27**	**-6**	**18.2%**

SECTION V

DEFINITIONS

DEFINITIONS & REPORTING METHODS

A) DEFINITIONS:

HOMICIDE - Murder and non-negligent manslaughter, as defined in the Uniform Crime Reporting Program, is the willful (non-negligent) killing of one human being by another.

The classification of this offense, as for all other crime index offenses, is based solely on police investigation as opposed to the determination of a court, medical examiner, coroner, jury, or other judicial body. Not included in the count for this offense classification are deaths caused by negligence, suicide, or accident.

RAPE - Rape (Forcible), as defined in the UCR Program, is the carnal knowledge of a female forcibly and against her will. Assaults or attempts to commit rape by force or threat of force are also included; however, statutory rape (without force) and other sex offenses are not included in this category.

ROBBERY - Robbery is the taking or attempting to take anything of value from the care, custody, or control of a person or persons by force or threat of force or violence and/or by putting the victim in fear.

ASSAULT - Assault (aggravated) is an unlawful attack by one person upon another for the purpose of inflicting severe or aggravated bodily injury. This type of assault is usually accompanied by the use of a weapon or by means likely to produce death or great bodily harm. Attempts are included since it is not necessary that an injury result when a gun, knife, or other weapon is used which could and probably would result in serious personal injury if the crime were successfully completed.

BURGLARY - The UCR Program defines burglary as the unlawful entry of a structure to commit a felony or theft. The use of force to gain entry is not required to classify an offense as burglary. Burglary is categorized into three subclassifications: forcible entry, unlawful entry where no force is used, and attempted forcible entry.

LARCENY - Larceny (theft) is the unlawful taking, carrying, leading, or riding away of property from the possession or constructive possession of another. It includes crimes such as shoplifting, pocket-picking, purse-snatching, thefts from motor vehicles, thefts of motor vehicle parts and accessories, bicycle thefts, etc., in which no use of force, violence, or fraud occurs. In the UCR Program, this crime category does not include embezzlement, "con" games, forgery, and worthless checks.

MOTOR VEHICLE THEFT - In the UCR Program, motor vehicle theft is defined as the theft or attempted theft of a motor vehicle. This definition excludes the taking of a motor vehicle for temporary use by those persons having lawful access.

ARSON - Arson is defined by the UCR Program as any willful or malicious burning or attempt to burn, with or without intent to defraud, a dwelling house, public building, motor vehicle or aircraft, personal property of another, etc..

Only fires determined through investigation to have been willfully or maliciously set are classified as arsons.

ARSON, *continued*

The established criteria/definitions in Rhode Island for incendiary and suspicious acts are as follows:

INCENDIARY -	Fires which have been intentionally set; where there is intention to defraud, or where there is intention to conceal for purposes which violate any section of the General Laws of the State of Rhode Island.
SUSPICIOUS -	A fire where a definite determination of incendiarism cannot be ascertained, but where there is sufficient reason to believe that the fire may be of incendiary nature.

B) REPORTING METHODS:

Uniform Crime Reporting (UCR) is a city, county, and state law enforcement program. This Program provides a nationwide view of crime based on the submission of statistics by law enforcement agencies throughout the country. The crime data are submitted either to a state UCR Program or directly to the national UCR Program which is administered by the Federal Bureau of Investigation.

On a planned basis, the Governor's Justice Commission collects crime statistical information from the UCR Section of the State Police and the Fire Marshal's Office of the Division of Fire Safety. Both units of government receive monthly offense reports from the respective police and fire departments located throughout the state. It is this information that forms the backbone of this report.

The publication of this report is supported by
Cooperative Agreement #88-BJ-CX-KO22
awarded by the Bureau of Justice Statistics,
U. S. Department of Justice.

Permission to reproduce or transmit all or parts of this report is hereby granted
by the the publishing
State of Rhode Island agency listed below.
Proper acknowledgement will be appreciated.

STATE OF RHODE ISLAND

STATISTICAL ANALYSIS CENTER
GOVERNOR'S JUSTICE COMMISSION
222 QUAKER LANE
WEST WARWICK, RHODE ISLAND 02893
TELEPHONE: (401) 277-2620